

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**NTP Study Number:** C20116B  
**Lock Date:** 09/08/2009  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.3\_002  
**PWG Approval Date:** NONE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 31

TRT#: 8

SEX: Male

DAY ON TEST: 423

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Mammary GI			
Note: No RC per pathologist			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Epithelium	Fibrosarcoma	
		Hyperplasia	Mild
		Inflammation	Suppurative, Mild
		Necrosis	Mild
	[ Fibrosarcoma	TGLs = 1-2A ]	
	[ Hyperplasia	TGLs = 2-2B ]	
	[ Inflammation	TGLs = 2-2B ]	
	[ Necrosis	TGLs = 2-2B ]	

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 32

TRT#: 8

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Mild
* Epididymis	Serosa	Hyperplasia	Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Minimal
		Infiltration Cellular	Histiocyte, Mild
	[ Hemorrhage TGLs = 1-11 ]		
	[ Hyperplasia TGLs = 1-11 ]		
	[ Infiltration Cellular TGLs = 1-11 ]		
* Mammary Gland			
	Note: No RC per pathologist		
* Nose		Hyaline Droplet	Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Preputial Gland		Cyst	Mild
* Spleen		Hyperplasia	Lymphoid, Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 33

TRT#: 8

SEX: Male

DAY ON TEST: 518

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

\* Mammary Gland

OBSERVATIONS

* Brain, Cerebrum		Mineralization	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary GI			
Note: RC attempted			
* Prostate		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Schwannoma Malignant	

[ Schwannoma Malignant TGLs = 1-2A ]

PRIMARY CAUSE OF DEATH - Skin Schwannoma Malignant

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 34

TRT#: 8

SEX: Male

DAY ON TEST: 503

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone, Femur            |
| * Brain, Brain Stem        | * Brain, Cerebellum       | * Brain, Cerebrum           | * Epididymis             |
| * Esophagus                | * Eye                     | * Gallbladder               | * Heart                  |
| * Intestine Large, Cecum   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Lung                      | * Lymph Node, Mandibular |
| * Nose                     | * Pancreas                | * Parathyroid Gland         | * Pituitary Gland        |
| * Prostate                 | * Seminal Vesicle         | * Skin                      | * Testes                 |
| * Trachea                  | * Urinary Bladder         |                             |                          |

MISSING

- |                 |          |
|-----------------|----------|
| * Mammary Gland | * Thymus |
|-----------------|----------|

OBSERVATIONS

- |                                     |                                       |                       |                          |
|-------------------------------------|---------------------------------------|-----------------------|--------------------------|
| * Bone Marrow                       |                                       | Hyperplasia           | Moderate                 |
| * Harderian Gland                   |                                       | Infiltration Cellular | Lymphocyte, Mild         |
| * Intestine Large, Ascending Colon  | Goblet Cell                           | Hyperplasia           | Minimal                  |
| * Intestine Large, Descending Colon | Goblet Cell                           | Hyperplasia           | Minimal                  |
| * Intestine Large, Transverse Colon | Goblet Cell                           | Hyperplasia           | Minimal                  |
| * Kidney                            |                                       | Infiltration Cellular | Lymphocyte, Mild         |
| * Liver                             |                                       | Infiltration Cellular | Lymphocyte, Mild         |
|                                     |                                       | Infiltration Cellular | Polymorphnuclr, Mild     |
| * Lung                              |                                       |                       |                          |
| Note: TGL 4 - NCL                   |                                       |                       |                          |
| * Lymph Node, Mesenteric            |                                       | Infiltration Cellular | Polymorphnuclr, Moderate |
|                                     |                                       | Infiltration Cellular | Plasma Cell, Marked      |
|                                     | [ Infiltration Cellular TGLs = 3-11 ] |                       |                          |
|                                     | [ Infiltration Cellular TGLs = 3-11 ] |                       |                          |
| * Mammary GI                        |                                       |                       |                          |
| Note: No RC per pathologist         |                                       |                       |                          |
| * Preputial Gland                   |                                       | Cyst                  | Moderate                 |
|                                     |                                       | Degeneration          | Moderate                 |
|                                     | [ Cyst TGLs = 1-7B ]                  |                       |                          |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 34

TRT#: 8

SEX: Male

DAY ON TEST: 503

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900034

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
	[ Hematopoietic Cell Proliferation TGLs = 5-9 ]		
	[ Hyperplasia TGLs = 5-9 ]		
* Stomach, Forestomach		Squamous Cell Carcinoma	
	[ Squamous Cell Carcinoma TGLs = 2-12A ]		
* Stomach, Glandular	Epithelium	Hyperplasia	Marked
		Inflammation	Chronic Active, Mild
* Thymus			
Note: WT attempted			
* Thyroid Gland	Follicle	Degeneration	Minimal

PRIMARY CAUSE OF DEATH - Stomach, Forestomach Squamous Cell Carcinoma

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 41

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:** 646

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900041

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
	Subcapsular	Hyperplasia	Mild
* Mammary GI			
Note: RC attempted			
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Lumen	Dilatation	Mild
[ Dilatation TGLs = 1-7A ]			

**PRIMARY CAUSE OF DEATH** - UNCERTAIN

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 42

TRT#: 8

SEX: Male

DAY ON TEST: 554

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Eye		Cataract	Minimal
	[ Cataract TGLs = 5-13 ]		
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLs = 3-3 ]		
Lymph Node	Inguinal	Infiltration Cellular	Plasma Cell, Mild
	[ Infiltration Cellular TGLs = 1-16 ]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
	[ Hemorrhage TGLs = 7-11 ]		
	[ Hyperplasia TGLs = 7-11 ]		
* Mammary GI			
	Note: RC attempted		
* Preputial Gland		Cyst	Moderate
* Skin		Fibrosarcoma	
	Epithelium	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 42

TRT#: 8

SEX: Male

DAY ON TEST: 554

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900042

ORGAN AND ACCOUNTABLE SITE STATUS

Ulcer

Minimal

Note: TGL 8 - NCL

[ Fibrosarcoma TGLs = 4-2A ]

[ Hyperplasia TGLs = 6-2B ]

[ Ulcer TGLs = 6-2B ]

\* Spleen

Hematopoietic Cell Proliferation

Moderate

[ Hematopoietic Cell Proliferation TGLs = 2-9 ]

\* Thymus

Atrophy

Moderate

PRIMARY CAUSE OF DEATH

- Skin Fibrosarcoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 43

TRT#: 8

SEX: Male

DAY ON TEST: 609

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
Urethra			

MISSING

* Gallbladder	* Mammary Gland
---------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Gallbladder			
Note: WT attempted			
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLs = 3-3 ]			
Lymph Node			
Note: TGL 4 - Noted grossly as Lymph node, iliac was Urethra, bulbourethral gland			
* Lymph Node, Mesenteric		Angiectasis	Mild
		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Mild
* Mammary GI			
Note: No RC per pathologist			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 43

TRT#: 8

SEX: Male

DAY ON TEST: 609

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900043

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Epithelium	Fibroma Hyperplasia Inflammation Ulcer	Mild Chronic Active, Moderate Mild
[ Fibroma TGLs = 1-2A ]			
[ Hyperplasia TGLs = 2-2B ]			
[ Inflammation TGLs = 2-2B ]			
[ Ulcer TGLs = 2-2B ]			
* Thymus		Atrophy	Mild
Urethra			
Note: TGL 4 - NCL			
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016

Time Report Requested: 15:28:26

First Dose M/F: 04/27/05 / 04/27/05

Lab: NCTR

ANIMAL ID: 44

TRT#: 8

SEX: Male

DAY ON TEST: 167

DOSE: ALOEWHOLLEAF 3.0

DISP: Natural Death

HISTO: 021420900044

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                      |                     |                        |                          |
|----------------------|---------------------|------------------------|--------------------------|
| * Adrenal Cortex     | * Adrenal Medulla   | * Blood Vessel         | * Bone, Femur            |
| * Brain, Brain Stem  | * Brain, Cerebellum | * Epididymis           | * Esophagus              |
| * Gallbladder        | * Harderian Gland   | * Heart                | * Intestine Large, Cecum |
| * Islets, Pancreatic | * Liver             | * Lung                 | * Lymph Node, Mandibular |
| * Nose               | * Pancreas          | * Pituitary Gland      | * Preputial Gland        |
| * Salivary Glands    | * Skin              | * Stomach, Forestomach | * Stomach, Glandular     |
| * Testes             | * Thyroid Gland     | * Trachea              |                          |

**MISSING**

- |                 |                     |
|-----------------|---------------------|
| * Mammary Gland | * Parathyroid Gland |
|-----------------|---------------------|

**AUTO PRECLUDES DIAG.**

- |                            |                                     |                                    |                                     |
|----------------------------|-------------------------------------|------------------------------------|-------------------------------------|
| * Brain, Cerebrum          | * Eye                               | * Intestine Large, Ascending Colon | * Intestine Large, Descending Colon |
| * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum        | * Intestine Small, Ileum            |
| * Intestine Small, Jejunum | * Lymph Node, Mesenteric            | * Spleen                           | * Thymus                            |

**OBSERVATIONS**

- |                    |  |                       |                         |
|--------------------|--|-----------------------|-------------------------|
| * Bone Marrow      |  | Hyperplasia           | Moderate                |
| * Kidney           |  | Inflammation          | Chronic Active, Mild    |
| Lymph Node         | Renal                                  | Infiltration Cellular | Plasma Cell, Mild       |
|                    | Lumbar                                 | Infiltration Cellular | Plasma Cell, Moderate   |
|                    |  |                       |                         |
|                    | [ Infiltration Cellular TGLs = 2-16 ]  |                       |                         |
|                    | [ Infiltration Cellular TGLs = 3-16A ] |                       |                         |
| * Mammary GI       |  |                       |                         |
| Note: RC attempted |  |                       |                         |
| * Parathyroid GI   |  |                       |                         |
| Note: RC attempted |  |                       |                         |
| * Prostate         |  | Inflammation          | Chronic Active, Minimal |
| * Seminal Vesicle  | Lumen                                  | Dilatation            | Moderate                |
|                    | [ Dilatation TGLs = 1-7A ]             |                       |                         |
| * Urinary Bladder  |  | Inflammation          | Chronic Active, Marked  |
|                    | [ Inflammation TGLs = 4-8 ]            |                       |                         |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 44

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:** 167

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Natural Death

**HISTO:** 021420900044

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

- UNCERTAIN

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 61

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900061

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Thymus
-----------------	----------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Brain, Cerebrum		Mineralization	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma	TGLs = 4-4 ]		
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Mild
Note: TGL 3 - NCL			
[ Hyperplasia	TGLs = 2-16 ]		
* Mammary GI			
Note: RC attempted			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Fibroma	
[ Fibroma	TGLs = 1-2A ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 61

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900061

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thymus

Note: WT attempted

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 62

TRT#: 5

SEX: Male

DAY ON TEST: 688

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900062

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Thymus
-----------------	----------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Mild
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLs = 6-3A ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
	[ Hyperplasia TGLs = 5-11 ]		
* Mammary Gland			
	Note: RC attempted		
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLs = 1-7B ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Sem Ves			
	Note: TGL 2 - NCL		
* Skin		Fibrosarcoma	
	[ Fibrosarcoma TGLs = 4-2A ]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLs = 3-9 ]		

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 62

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 688

**DOSE:** CONTROL WATER

**DISP:** Moribund Sacrifice

**HISTO:** 021420900062

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thymus

Note: RC/WT attempted

---

**PRIMARY CAUSE OF DEATH**

- Skin Fibrosarcoma

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 63

TRT#: 5

SEX: Male

DAY ON TEST: 574

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900063

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                             |                                     |                            |                                     |
|-----------------------------|-------------------------------------|----------------------------|-------------------------------------|
| * Adrenal Medulla           | * Blood Vessel                      | * Bone Marrow              | * Bone, Femur                       |
| * Brain, Brain Stem         | * Brain, Cerebellum                 | * Esophagus                | * Eye                               |
| * Gallbladder               | * Harderian Gland                   | * Heart                    | * Intestine Large, Ascending Colon  |
| * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  | * Intestine Large, Transverse Colon |
| * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum | * Liver                             |
| * Lung                      | * Lymph Node, Mandibular            | * Lymph Node, Mesenteric   | * Nose                              |
| * Pancreas                  | * Parathyroid Gland                 | * Pituitary Gland          | * Preputial Gland                   |
| * Prostate                  | * Salivary Glands                   | * Seminal Vesicle          | * Spleen                            |
| * Stomach, Forestomach      | * Stomach, Glandular                | * Thymus                   | * Thyroid Gland                     |
| * Trachea                   | * Urinary Bladder                   |                            |                                     |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                                      |             |                      |          |
|--------------------------------------|-------------|----------------------|----------|
| * Adrenal Cortex                     | Subcapsular | Hyperplasia          | Minimal  |
| * Brain, Cerebrum                    |             | Mineralization       | Minimal  |
| * Epididymis                         |             | Hypospermia          | Marked   |
| * Islets, Pancreatic                 |             | Hyperplasia          | Mild     |
| * Kidney                             |             | Nephropathy          | Minimal  |
| * Lym Node Mand                      |             |                      |          |
| Note: Also located on slide 10A      |             |                      |          |
| * Mammary GI                         |             |                      |          |
| Note: RC attempted                   |             |                      |          |
| * Skin                               |             | Schwannoma Malignant |          |
| [ Schwannoma Malignant TGLs = 1-2A ] |             |                      |          |
| * Testes                             | Seminif Tub | Degeneration         | Moderate |

PRIMARY CAUSE OF DEATH - Skin Schwannoma Malignant

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 64

TRT#: 5

SEX: Male

DAY ON TEST: 420

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                                     |                             |                                     |
|----------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| * Adrenal Medulla          | * Blood Vessel                      | * Bone Marrow               | * Bone, Femur                       |
| * Brain, Brain Stem        | * Brain, Cerebellum                 | * Brain, Cerebrum           | * Epididymis                        |
| * Esophagus                | * Eye                               | * Gallbladder               | * Harderian Gland                   |
| * Heart                    | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon |
| * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            |
| * Intestine Small, Jejunum | * Islets, Pancreatic                | * Kidney                    | * Lung                              |
| * Lymph Node, Mesenteric   | * Nose                              | * Parathyroid Gland         | * Pituitary Gland                   |
| * Preputial Gland          | * Prostate                          | * Seminal Vesicle           | * Stomach, Forestomach              |
| * Stomach, Glandular       | * Testes                            | * Thyroid Gland             | * Trachea                           |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |                          |   |                                   |                     |
|--------------------------|---|-----------------------------------|---------------------|
| * Adrenal Cortex         |   | Accessory Adrenal Cortical Nodule |                     |
|                          | Subcapsular                                     | Hyperplasia                       | Minimal             |
| * Liver                  |   | Hepatocellular Adenoma            | Multiple            |
|                          | [ Hepatocellular Adenoma TGLs = 3,4,5-3+3A+3B ] |                                   |                     |
| * Lymph Node, Mandibular |   | Hyperplasia                       | Lymphoid, Mild      |
| * Mammary GI             |   |                                   |                     |
|                          | Note: No RC per pathologist                     |                                   |                     |
| * Pancreas               | Acinus  | Degeneration                      | Minimal             |
| * Prostate               |   |                                   |                     |
|                          | Note: Located on slide 7B                       |                                   |                     |
| * Salivary Glands        |   | Infiltration Cellular             | Lymphocyte, Minimal |
| * Skin                   |   | Fibrosarcoma                      |                     |
|                          | [ Fibrosarcoma TGLs = 1-2A ]                    |                                   |                     |
| * Spleen                 |   | Hematopoietic Cell Proliferation  | Marked              |
| * Thymus                 |   | Atrophy                           | Moderate            |
| * Urinary Bladder        | Lumen   | Dilatation                        | Marked              |
|                          | [ Dilatation TGLs = 2-8 ]                       |                                   |                     |

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 71

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900071

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLs = 2-3A ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
	[ Hyperplasia TGLs = 1-11 ]		
* Mammary Gland			
	Note: RC attempted		
* Preputial Gland		Degeneration	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 72

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900072

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                                     |                             |                                     |
|----------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| * Adrenal Medulla          | * Blood Vessel                      | * Bone Marrow               | * Bone, Femur                       |
| * Brain, Brain Stem        | * Brain, Cerebellum                 | * Brain, Cerebrum           | * Epididymis                        |
| * Esophagus                | * Eye                               | * Gallbladder               | * Harderian Gland                   |
| * Heart                    | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon |
| * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            |
| * Intestine Small, Jejunum | * Islets, Pancreatic                | * Lymph Node, Mandibular    | * Pancreas                          |
| * Parathyroid Gland        | * Pituitary Gland                   | * Preputial Gland           | * Prostate                          |
| * Seminal Vesicle          | * Skin                              | * Stomach, Forestomach      | * Stomach, Glandular                |
| * Testes                   | * Thymus                            | * Thyroid Gland             | * Trachea                           |
| * Urinary Bladder          |                                     |                             |                                     |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                          |                            |                           |                     |
|--------------------------|----------------------------|---------------------------|---------------------|
| * Adrenal Cortex         | Subcapsular                | Hyperplasia               | Minimal             |
| * Kidney                 |                            | Infiltration Cellular     | Lymphocyte, Minimal |
| * Liver                  |                            | Congestion                | Minimal             |
|                          |                            | Vacuolization Cytoplasmic | Minimal             |
|                          | [ Congestion TGLs = 1-3A ] |                           |                     |
| * Lung                   |                            | Infiltration Cellular     | Histiocyte, Minimal |
| * Lymph Node, Mesenteric |                            | Hyperplasia               | Lymphoid, Minimal   |
| * Mammary GI             |                            |                           |                     |
|                          | Note: RC attempted         |                           |                     |
| * Nose                   |                            | Hyaline Droplet           | Minimal             |
| * Salivary Glands        |                            | Infiltration Cellular     | Lymphocyte, Minimal |
| * Spleen                 |                            | Hyperplasia               | Lymphoid, Mild      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 73

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900073

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Heart			
Note: TGL 5 - NCL			
* Intestine Large, Transverse Colon	Globet Cell	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLs = 2,4-3A+3B ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
[ Alveolar/Bronchiolar Carcinoma TGLs = 3-4 ]			
* Lymph Node, Mesenteric	Sinus	Dilatation	Moderate
		Hyperplasia	Lymphoid, Moderate
[ Dilatation TGLs = 1-11 ]			
[ Hyperplasia TGLs = 1-11 ]			
* Mammary GI			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 73

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900073

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Note: RC attempted

- \* Preputial Gland
- \* Prostate
- \* Salivary Glands
- \* Spleen

Cyst  
Infiltration Cellular  
Infiltration Cellular  
Hyperplasia

Mild  
Lymphocyte, Minimal  
Lymphocyte, Minimal  
Lymphoid, Mild

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 74

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea		

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Mild
* Epididymis		Degeneration	Mild
[ Degeneration TGLs = 1-7B ]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Hemangiosarcoma	
[ Hemangiosarcoma TGLs = 4,5,6,7-3+3A+3B+3C ]		Inflammation	Chronic Active, Mild
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLs = 8-16 ]			
* Lymph Node, Mesenteric	Sinus	Dilatation	Mild
		Hemorrhage	Moderate
* Mammary GI			
Note: RC attempted			
* Nose		Hyaline Droplet	Minimal
* Pancreas		Infiltration Cellular	Lymphocyte, Moderate
* Preputial Gland		Degeneration	Marked
[ Degeneration TGLs = 3-7 ]			

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 74

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900074

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Marked
	[ Hematopoietic Cell Proliferation TGLs = 2-9 ]		
	[ Hyperplasia TGLs = 2-9 ]		
* Thymus			
Note: RC attempted			
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 91

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                                     |                             |                                     |                            |
|-------------------------------------|-----------------------------|-------------------------------------|----------------------------|
| * Adrenal Cortex                    | * Blood Vessel              | * Bone Marrow                       | * Bone, Femur              |
| * Brain, Brain Stem                 | * Brain, Cerebellum         | * Epididymis                        | * Esophagus                |
| * Eye                               | * Gallbladder               | * Harderian Gland                   | * Heart                    |
| * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Islets, Pancreatic                | * Lung                      | * Lymph Node, Mandibular            | * Lymph Node, Mesenteric   |
| * Parathyroid Gland                 | * Pituitary Gland           | * Preputial Gland                   | * Prostate                 |
| * Seminal Vesicle                   | * Skin                      | * Spleen                            | * Stomach, Forestomach     |
| * Stomach, Glandular                | * Testes                    | * Thymus                            | * Trachea                  |
| * Urinary Bladder                   |                             |                                     |                            |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |                      |                           |                     |
|----------------------|---------------------------|---------------------|
| * Adrenal Medulla    | Hyperplasia               | Mild                |
| * Brain, Cerebrum    | Mineralization            | Minimal             |
| * Kidney             | Cyst                      | Mild                |
|                      | Infiltration Cellular     | Lymphocyte, Minimal |
| [ Cyst TGLs = 1-8A ] |                           |                     |
| * Liver              | Tension Lipidosis         | Minimal             |
| * Mammary Gland      |                           |                     |
| Note: RC attempted   |                           |                     |
| * Nose               | Hyaline Droplet           | Mild                |
| * Pancreas           | Vacuolization Cytoplasmic | Minimal             |
| * Salivary Glands    | Infiltration Cellular     | Lymphocyte, Mild    |
| * Thyroid Gland      | Infiltration Cellular     | Lymphocyte, Mild    |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 92

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900092

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                           |                                     |                             |                                     |
|---------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| * Adrenal Medulla         | * Blood Vessel                      | * Bone Marrow               | * Bone, Femur                       |
| * Brain, Brain Stem       | * Brain, Cerebellum                 | * Brain, Cerebrum           | * Epididymis                        |
| * Esophagus               | * Eye                               | * Gallbladder               | * Harderian Gland                   |
| * Heart                   | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon |
| * Intestine Large, Rectum | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            |
| * Islets, Pancreatic      | * Liver                             | * Lymph Node, Mandibular    | * Lymph Node, Mesenteric            |
| * Pancreas                | * Parathyroid Gland                 | * Pituitary Gland           | * Prostate                          |
| * Seminal Vesicle         | * Skin                              | * Spleen                    | * Stomach, Forestomach              |
| * Testes                  | * Thymus                            | * Thyroid Gland             | * Trachea                           |
| * Urinary Bladder         |                                     |                             |                                     |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                            |  |                              |                     |
|----------------------------|--|------------------------------|---------------------|
| * Adrenal Cortex           | Subcapsular                                  | Hyperplasia                  | Minimal             |
| * Intestine Small, Jejunum |  | Hyperplasia                  | Lymphoid, Moderate  |
|                            | [ Hyperplasia TGLs = 3-11A ]                 |                              |                     |
| * Kidney                   |  | Infiltration Cellular        | Lymphocyte, Minimal |
| * Lung                     |  | Alveolar/Bronchiolar Adenoma |                     |
|                            | [ Alveolar/Bronchiolar Adenoma TGLs = 2-4A ] |                              |                     |
| * Mammary Gland            |  |                              |                     |
|                            | Note: RC attempted                           |                              |                     |
| * Nose                     |  | Hyaline Droplet              | Mild                |
| * Preputial Gland          |  | Cyst                         | Mild                |
|                            | [ Cyst TGLs = 1-7B ]                         |                              |                     |
| * Salivary Glands          |  | Infiltration Cellular        | Lymphocyte, Minimal |
| * Stomach, Glandular       | Epithelium                                   | Hyperplasia                  | Minimal             |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 93

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900093

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                                     |                           |                             |
|--------------------------|-------------------------------------|---------------------------|-----------------------------|
| * Blood Vessel           | * Bone Marrow                       | * Bone, Femur             | * Brain, Brain Stem         |
| * Brain, Cerebellum      | * Brain, Cerebrum                   | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder                       | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Descending Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum          | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular            | * Pancreas                | * Parathyroid Gland         |
| * Pituitary Gland        | * Preputial Gland                   | * Prostate                | * Seminal Vesicle           |
| * Stomach, Forestomach   | * Stomach, Glandular                | * Testes                  | * Thymus                    |
| * Trachea                | * Urinary Bladder                   |                           |                             |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                                     |             |                         |                     |
|-------------------------------------|-------------|-------------------------|---------------------|
| * Adrenal Cortex                    | Subcapsular | Hyperplasia             | Minimal             |
| * Adrenal Medulla                   |             | Pheochromocytoma Benign |                     |
| * Intestine Large, Ascending Colon  | Goblet Cell | Hyperplasia             | Mild                |
| * Intestine Large, Transverse Colon | Goblet Cell | Hyperplasia             | Mild                |
| * Liver                             |             | Tension Lipidosis       | Minimal             |
| * Lymph Node, Mesenteric            |             | Hemorrhage              | Mild                |
| * Mammary GI                        |             |                         |                     |
| Note: RC attempted                  |             |                         |                     |
| * Nose                              |             | Hyaline Droplet         | Mild                |
| * Salivary Glands                   |             | Infiltration Cellular   | Lymphocyte, Minimal |
| * Skin                              |             | Inflammation            | Suppurative, Mild   |
| [ Inflammation TGLs = 1-2A ]        |             |                         |                     |
| * Spleen                            |             | Hyperplasia             | Lymphoid, Mild      |
| * Thyroid Gland                     | Follicle    | Degeneration            | Mild                |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 94

TRT#: 7

SEX: Male

DAY ON TEST: 708

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900094

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Blood Vessel	* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum
* Brain, Cerebrum	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Mammary GI			
Note: WT attempted			
* Nose		Hyaline Droplet	Moderate
* Prostate		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Fibroma	
		Fibrosarcoma	
	[ Fibroma TGLs = 1-2A ]		
	[ Fibrosarcoma TGLs = 2-2B ]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLs = 3-9 ]		
* Stom Forestom			
Note: TGL 4 - NCL			
* Thymus		Atrophy	Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 94

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 708

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900094

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

- Skin Fibrosarcoma

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 101

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900101

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                                     |                             |                                     |
|----------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| * Adrenal Cortex           | * Adrenal Medulla                   | * Blood Vessel              | * Bone Marrow                       |
| * Bone, Femur              | * Brain, Brain Stem                 | * Brain, Cerebellum         | * Epididymis                        |
| * Esophagus                | * Eye                               | * Gallbladder               | * Harderian Gland                   |
| * Heart                    | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon |
| * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            |
| * Intestine Small, Jejunum | * Islets, Pancreatic                | * Lymph Node, Mandibular    | * Pancreas                          |
| * Parathyroid Gland        | * Pituitary Gland                   | * Prostate                  | * Seminal Vesicle                   |
| * Stomach, Forestomach     | * Stomach, Glandular                | * Testes                    | * Thyroid Gland                     |
| * Trachea                  | * Urinary Bladder                   |                             |                                     |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                          |  |                              |                          |
|--------------------------|--|------------------------------|--------------------------|
| * Brain, Cerebrum        |  | Mineralization               | Minimal                  |
| * Kidney                 |  | Infiltration Cellular        | Lymphocyte, Minimal      |
| * Liver                  |  | Tension Lipidosis            | Minimal                  |
| * Lung                   |  | Alveolar/Bronchiolar Adenoma |                          |
|                          | [ Alveolar/Bronchiolar Adenoma TGLs = 3-4A ] |                              |                          |
| * Lymph Node, Mesenteric |  | Hemorrhage                   | Mild                     |
|                          |  | Hyperplasia                  | Lymphoid, Mild           |
| * Mammary GI             |  |                              |                          |
|                          | Note: RC attempted                           |                              |                          |
| * Nose                   |  | Hyaline Droplet              | Mild                     |
| * Preputial Gland        | Duct   | Ectasia                      | Moderate                 |
|                          |  | Inflammation                 | Chronic Active, Moderate |
|                          | [ Ectasia TGLs = 1-7B ]                      |                              |                          |
|                          | [ Inflammation TGLs = 1-7B ]                 |                              |                          |
| * Salivary Glands        |  | Infiltration Cellular        | Lymphocyte, Minimal      |
| * Skin                   |  | Fibrosis                     | Marked                   |
|                          |  | Inflammation                 | Chronic, Mild            |
|                          | [ Fibrosis TGLs = 2-2A ]                     |                              |                          |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 101

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900101

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Inflammation TGLs = 2-2A ]

\* Spleen

Hyperplasia

Lymphoid, Mild

\* Thymus

Atrophy

Moderate

---



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 102

TRT#: 7

SEX: Male

DAY ON TEST: 512

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900102

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                                     |                             |                                     |                            |
|-------------------------------------|-----------------------------|-------------------------------------|----------------------------|
| * Blood Vessel                      | * Bone Marrow               | * Bone, Femur                       | * Brain, Brain Stem        |
| * Brain, Cerebellum                 | * Brain, Cerebrum           | * Epididymis                        | * Esophagus                |
| * Eye                               | * Gallbladder               | * Harderian Gland                   | * Heart                    |
| * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Islets, Pancreatic                | * Kidney                    | * Liver                             | * Lung                     |
| * Lymph Node, Mandibular            | * Pancreas                  | * Parathyroid Gland                 | * Pituitary Gland          |
| * Preputial Gland                   | * Prostate                  | * Salivary Glands                   | * Seminal Vesicle          |
| * Stomach, Forestomach              | * Stomach, Glandular        | * Thymus                            | * Thyroid Gland            |
| * Trachea                           | * Urinary Bladder           |                                     |                            |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                          |                              |                                  |                |
|--------------------------|------------------------------|----------------------------------|----------------|
| * Adrenal Cortex         | Subcapsular                  | Hyperplasia                      | Minimal        |
| * Adrenal Medulla        |                              | Hyperplasia                      | Marked         |
| * Lymph Node, Mesenteric |                              | Hyperplasia                      | Lymphoid, Mild |
| * Mammary GI             |                              |                                  |                |
| Note: RC attempted       |                              |                                  |                |
| * Nose                   |                              | Hyaline Droplet                  | Mild           |
| * Skin                   |                              | Fibrosarcoma                     |                |
|                          | [ Fibrosarcoma TGLs = 1-2A ] |                                  |                |
| * Spleen                 |                              | Hematopoietic Cell Proliferation | Mild           |
|                          |                              | Hyperplasia                      | Lymphoid, Mild |
| * Testes                 | Seminif Tub                  | Degeneration                     | Minimal        |

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 103

TRT#: 7

SEX: Male

DAY ON TEST: 624

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900103

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                                     |                           |                             |                          |
|-------------------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex                    | * Adrenal Medulla         | * Blood Vessel              | * Bone, Femur            |
| * Brain, Brain Stem                 | * Brain, Cerebellum       | * Epididymis                | * Esophagus              |
| * Eye                               | * Gallbladder             | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Descending Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum          | * Islets, Pancreatic      | * Liver                     | * Lung                   |
| * Lymph Node, Mandibular            | * Lymph Node, Mesenteric  | * Pancreas                  | * Parathyroid Gland      |
| * Pituitary Gland                   | * Preputial Gland         | * Prostate                  | * Seminal Vesicle        |
| * Spleen                            | * Stomach, Forestomach    | * Stomach, Glandular        | * Testes                 |
| * Thymus                            | * Thyroid Gland           | * Trachea                   |                          |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                                      |             |                       |                     |
|--------------------------------------|-------------|-----------------------|---------------------|
| * Bone Marrow                        |             | Hyperplasia           | Mild                |
| * Brain, Cerebrum                    |             | Mineralization        | Mild                |
| * Harderian Gland                    |             | Adenoma               |                     |
| [ Adenoma TGLs = 3-13 ]              |             |                       |                     |
| * Intestine Large, Ascending Colon   | Goblet Cell | Hyperplasia           | Minimal             |
| * Intestine Large, Transverse Colon  | Goblet Cell | Hyperplasia           | Minimal             |
| * Kidney                             |             | Nephropathy           | Minimal             |
| * Mammary GI                         |             |                       |                     |
| Note: No RC per pathologist          |             |                       |                     |
| * Nose                               |             | Hyaline Droplet       | Mild                |
| * Salivary Glands                    |             | Infiltration Cellular | Lymphocyte, Minimal |
| * Skin                               |             | Schwannoma Malignant  |                     |
| [ Schwannoma Malignant TGLs = 1-2A ] |             |                       |                     |
| * Urinary Bladder                    | Lumen       | Dilatation            | Moderate            |
| [ Dilatation TGLs = 2-8 ]            |             |                       |                     |

PRIMARY CAUSE OF DEATH - Skin Schwannoma Malignant

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 104

TRT#: 7

SEX: Male

DAY ON TEST: 688

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Brain, Cerebrum		Mineralization	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
Note: TGL 9 - NCL			
[ Hepatocellular Carcinoma TGLs = 5-3 ]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
[ Hyperplasia TGLs = 10-4 ]			
Lymph Node	Renal	Hyperplasia	Lymphoid, Mild
	Inguinal	Hyperplasia	Lymphoid, Moderate
	Inguinal	Infiltration Cellular	Plasma Cell, Moderate
	Renal	Infiltration Cellular	Plasma Cell, Mild
[ Hyperplasia TGLs = 6-16A ]			
[ Hyperplasia TGLs = 2-16 ]			
[ Infiltration Cellular TGLs = 2-16 ]			
[ Infiltration Cellular TGLs = 6-16A ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 104

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 688

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900104

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Lymph Node, Mesenteric		Angiectasis	Mild
		Hyperplasia	Lymphoid, Moderate
	[ Angiectasis TGLs = 8-11 ]		
	[ Hyperplasia TGLs = 8-11 ]		
* Mammary Gland			
Note: No RC per pathologist			
* Nose		Hyaline Droplet	Moderate
* Preputial Gland	Bilateral	Cyst	Moderate
	[ Cyst TGLs = 3-7 ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
		Schwannoma Malignant	
	[ Hyperplasia TGLs = 1-2A ]		
	[ Inflammation TGLs = 1-2A ]		
	[ Schwannoma Malignant TGLs = 7-2B ]		
* Spleen		Hematopoietic Cell Proliferation	Marked
		Hyperplasia	Lymphoid, Moderate
	[ Hematopoietic Cell Proliferation TGLs = 4-9 ]		
	[ Hyperplasia TGLs = 4-9 ]		
* Thymus		Atrophy	Moderate

**PRIMARY CAUSE OF DEATH** - Skin Schwannoma Malignant

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 111

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 610

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Natural Death

**HISTO:** 021420900111

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Blood Vessel                      \* Bone, Femur                      \* Esophagus                      \* Heart

**MISSING**

\* Gallbladder                      \* Mammary Gland                      \* Parathyroid Gland                      \* Pituitary Gland  
\* Thymus

**AUTO PRECLUDES DIAG.**

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis	* Eye
* Harderian Gland	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

\* Gallbladder  
    Note: No RC per pathologist

\* Liver    Hepatocellular Carcinoma  
    [ Hepatocellular Carcinoma    TGLs = 1-3A ]

\* Mammary GI  
    Note: RC attempted

\* Parathyroid GI  
    Note: RC attempted

\* Pituitary GI  
    Note: No RC per pathologist

\* Thymus  
    Note: No RC per pathologist

**PRIMARY CAUSE OF DEATH**                      - Liver    Hepatocellular Carcinoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 112

TRT#: 7

SEX: Male

DAY ON TEST: 657

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLs = 1-3A ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLs = 3-4A ]		
* Lymph Node, Mesenteric	Sinus	Dilatation	Mild
		Hemorrhage	Mild
	[ Dilatation TGLs = 2-11 ]		
	[ Hemorrhage TGLs = 2-11 ]		
* Mammary GI			
	Note: RC attempted		
* Nose		Hyaline Droplet	Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Prostate		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 112

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 657

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900112

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thymus

Note: RC/WT attempted

---

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 113

TRT#: 7

SEX: Male

DAY ON TEST: 408

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Small, Jejunum	* Mammary Gland
----------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Int Sm Jejunum			
Note: No RC per pathologist			
* Liver		Basophilic Focus	
	[ Basophilic Focus TGLs = 1-3A ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLs = 3-4A ]		
* Mammary GI			
Note: RC attempted			
* Nose		Hyaline Droplet	Moderate
* Prostate			
Note: Located on slide 7B			
* Skin	Epithelium	Hyperplasia Inflammation	Mild Chronic Active, Mild

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 113

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 408

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900113

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Hyperplasia TGLs = 2-2A ]

[ Inflammation TGLs = 2-2A ]

[ Ulcer TGLs = 2-2A ]

Ulcer

Mild

---

**PRIMARY CAUSE OF DEATH** - UNCERTAIN

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 114

TRT#: 7

SEX: Male

DAY ON TEST: 524

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                                     |                            |                                     |                             |
|-------------------------------------|----------------------------|-------------------------------------|-----------------------------|
| * Adrenal Medulla                   | * Blood Vessel             | * Bone, Femur                       | * Brain, Brain Stem         |
| * Brain, Cerebellum                 | * Esophagus                | * Eye                               | * Gallbladder               |
| * Harderian Gland                   | * Heart                    | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    |
| * Intestine Large, Descending Colon | * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum |
| * Intestine Small, Ileum            | * Intestine Small, Jejunum | * Islets, Pancreatic                | * Lymph Node, Mandibular    |
| * Parathyroid Gland                 | * Pituitary Gland          | * Preputial Gland                   | * Skin                      |
| * Stomach, Forestomach              | * Testes                   | * Thyroid Gland                     | * Trachea                   |
| * Urinary Bladder                   |                            |                                     |                             |

MISSING

- |                          |                 |
|--------------------------|-----------------|
| * Lymph Node, Mesenteric | * Mammary Gland |
|--------------------------|-----------------|

OBSERVATIONS

- |   |  |                          |                    |
|---|--|--------------------------|--------------------|
| * Adrenal Cortex  | Subcapsular                              | Hyperplasia              | Minimal            |
| * Bone Marrow   |  | Hyperplasia              | Mild               |
| * Brain, Cerebrum   |  | Mineralization           | Minimal            |
| * Epididymis  |  | Hepatocholangiocarcinoma | Metastatic (Liver) |
| * Kidney  | Capsule                                  | Hepatocholangiocarcinoma | Metastatic (Liver) |
| * Liver   |  | Hepatocholangiocarcinoma |                    |
|   | [ Hepatocholangiocarcinoma TGLs = 7-3 ]  |                          |                    |
| * Lung  |  | Hepatocholangiocarcinoma | Metastatic (Liver) |
|   | [ Hepatocholangiocarcinoma TGLs = 9-4A ] |                          |                    |
| * Lym Node Mesen  |  |                          |                    |
| Note: WT attempted  |  |                          |                    |
| Note: TGL 8 - NCL   |  |                          |                    |
| Lymph Node  |  |                          |                    |
| Note: TGL 1 - Noted grossly as Lymph node, renal was Tissue NOS |  |                          |                    |
| * Mammary GI  |  |                          |                    |
| Note: RC attempted  |  |                          |                    |
| * Nose  |  | Hyaline Droplet          | Minimal            |
| * Pancreas  |  | Hepatocholangiocarcinoma | Metastatic (Liver) |
| Note: Located on slide 11                                       |  |                          |                    |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 114

TRT#: 7

SEX: Male

DAY ON TEST: 524

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900114

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Hepatocholangiocarcinoma	Metastatic (Liver)
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Hepatocholangiocarcinoma	Metastatic (Liver)
	[ Hepatocholangiocarcinoma TGLs = 4-7A ]		
Skeletal Muscle		Hepatocholangiocarcinoma	Metastatic (Liver)
	[ Hepatocholangiocarcinoma TGLs = 6-16D ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Serosa	Hepatocholangiocarcinoma	Metastatic (Liver)
	[ Hepatocholangiocarcinoma TGLs = 10-12A ]		
* Thymus		Hepatocholangiocarcinoma	Metastatic (Liver)
Tissue NOS		Hepatocholangiocarcinoma	Metastatic (Liver)
	[ Hepatocholangiocarcinoma TGLs = 1,2,3,5-16+16A+16B+16C ]		

PRIMARY CAUSE OF DEATH - Liver Hepatocholangiocarcinoma

Animal Note: TGL 2, 3, 5 - Noted grossly as Cavity, abdominal was Tissue NOS

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 171

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900171

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone Marrow               |
| * Bone, Femur            | * Brain, Brain Stem        | * Brain, Cerebellum       | * Epididymis                |
| * Esophagus              | * Eye                      | * Gallbladder             | * Harderian Gland           |
| * Heart                  | * Intestine Large, Cecum   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Lung                      |
| * Nose                   | * Parathyroid Gland        | * Pituitary Gland         | * Preputial Gland           |
| * Prostate               | * Salivary Glands          | * Seminal Vesicle         | * Skin                      |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Testes                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          |                           |                             |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                                     |             |                       |                     |
|-------------------------------------|-------------|-----------------------|---------------------|
| * Brain, Cerebrum                   |             | Mineralization        | Minimal             |
| * Intestine Large, Ascending Colon  | Goblet Cell | Hyperplasia           | Mild                |
| * Intestine Large, Descending Colon | Goblet Cell | Hyperplasia           | Mild                |
| * Intestine Large, Transverse Colon | Goblet Cell | Hyperplasia           | Mild                |
| * Kidney                            |             | Infiltration Cellular | Lymphocyte, Minimal |
| * Liver                             |             | Basophilic Focus      |                     |
|                                     |             | Infiltration Cellular | Lymphocyte, Minimal |
| * Lymph Node, Mandibular            |             | Hyperplasia           | Lymphoid, Mild      |
| * Lymph Node, Mesenteric            |             | Hyperplasia           | Lymphoid, Moderate  |
| * Mammary GI                        |             |                       |                     |
| Note: RC attempted                  |             |                       |                     |
| * Pancreas                          |             | Infiltration Cellular | Lymphocyte, Mild    |
| * Spleen                            |             | Hyperplasia           | Lymphoid, Mild      |
| * Thymus                            |             | Hyperplasia           | Lymphoid, Minimal   |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 172

TRT#: 8

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Marked
* Brain, Cerebrum		Mineralization	Mild
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mesenteric	Sinus	Dilatation	Mild
		Hyperplasia	Lymphoid, Mild
			[ Dilatation TGLs = 2-11 ]
			[ Hyperplasia TGLs = 2-11 ]
* Mammary Gland			
Note: RC attempted			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Inflammation	Suppurative, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Sarcoma	
			[ Sarcoma TGLs = 1-2A ]

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 172

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900172

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

* Spleen	Hematopoietic Cell Proliferation	Marked
* Thymus	Atrophy	Marked
* Urinary Bladder	Infiltration Cellular	Lymphocyte, Minimal

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 173

TRT#: 8

SEX: Male

DAY ON TEST: 681

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900173

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLs = 6-3A ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLs = 7-4 ]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
	[ Hemorrhage TGLs = 5-11 ]		
* Mammary GI			
	Note: RC attempted		
* Nose		Hyaline Droplet	Minimal
* Preputial GI			
	Note: TGL 3 - NCL		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Fibrosarcoma	
		Inflammation	Chronic Active, Moderate

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 173

TRT#: 8

SEX: Male

DAY ON TEST: 681

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900173

ORGAN AND ACCOUNTABLE SITE STATUS

Ulcer

Marked

[ Fibrosarcoma TGLs = 1-2A ]

[ Inflammation TGLs = 2-2B ]

[ Ulcer TGLs = 2-2B ]

\* Spleen

Hematopoietic Cell Proliferation  
Hyperplasia

Marked  
Lymphoid, Moderate

[ Hematopoietic Cell Proliferation TGLs = 4-9 ]

[ Hyperplasia TGLs = 4-9 ]

\* Thymus

Atrophy

Mild

\* Thyroid Gland

Infiltration Cellular

Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 174

TRT#: 8

SEX: Male

DAY ON TEST: 706

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900174

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                             |                                    |                            |                           |
|-----------------------------|------------------------------------|----------------------------|---------------------------|
| * Adrenal Medulla           | * Blood Vessel                     | * Bone Marrow              | * Bone, Femur             |
| * Brain, Brain Stem         | * Brain, Cerebellum                | * Brain, Cerebrum          | * Epididymis              |
| * Esophagus                 | * Eye                              | * Gallbladder              | * Harderian Gland         |
| * Heart                     | * Intestine Large, Ascending Colon | * Intestine Large, Cecum   | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum           | * Intestine Small, Jejunum | * Islets, Pancreatic      |
| * Liver                     | * Lung                             | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  |
| * Nose                      | * Pancreas                         | * Parathyroid Gland        | * Pituitary Gland         |
| * Preputial Gland           | * Prostate                         | * Seminal Vesicle          | * Stomach, Forestomach    |
| * Stomach, Glandular        | * Testes                           | * Thyroid Gland            | * Trachea                 |
| * Urinary Bladder           |                                    |                            |                           |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                                     |   |                                  |                     |
|-------------------------------------|---|----------------------------------|---------------------|
| * Adrenal Cortex                    |   | Cyst                             | Mild                |
|                                     | Subcapsular                                     | Hyperplasia                      | Minimal             |
| * Intestine Large, Descending Colon | Goblet Cell                                     | Hyperplasia                      | Minimal             |
| * Intestine Large, Transverse Colon | Goblet Cell                                     | Hyperplasia                      | Mild                |
| * Kidney                            |   | Cyst Multilocular                | Marked              |
|                                     |   | Nephropathy                      | Mild                |
|                                     | [ Cyst Multilocular TGLs = 3-8 ]                |                                  |                     |
| * Liver                             |   |                                  |                     |
|                                     | Note: TGL 4 - NCL                               |                                  |                     |
| * Mammary GI                        |   |                                  |                     |
|                                     | Note: RC attempted                              |                                  |                     |
| * Salivary Glands                   |   | Infiltration Cellular            | Lymphocyte, Minimal |
| * Skin                              |   | Fibrosarcoma                     |                     |
|                                     | [ Fibrosarcoma TGLs = 1-2A ]                    |                                  |                     |
| * Spleen                            |   | Hematopoietic Cell Proliferation | Marked              |
|                                     | [ Hematopoietic Cell Proliferation TGLs = 2-9 ] |                                  |                     |
| * Thymus                            |   | Atrophy                          | Moderate            |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 174

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:** 706

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900174

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

- Skin Fibrosarcoma

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 221

TRT#: 5

SEX: Male

DAY ON TEST: 449

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900221

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                           |                                     |                             |                                     |
|---------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| * Adrenal Medulla         | * Blood Vessel                      | * Bone Marrow               | * Bone, Femur                       |
| * Brain, Brain Stem       | * Brain, Cerebellum                 | * Brain, Cerebrum           | * Epididymis                        |
| * Esophagus               | * Eye                               | * Gallbladder               | * Harderian Gland                   |
| * Heart                   | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon |
| * Intestine Large, Rectum | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Jejunum          |
| * Islets, Pancreatic      | * Kidney                            | * Liver                     | * Lung                              |
| * Lymph Node, Mandibular  | * Nose                              | * Pancreas                  | * Pituitary Gland                   |
| * Preputial Gland         | * Salivary Glands                   | * Seminal Vesicle           | * Stomach, Forestomach              |
| * Stomach, Glandular      | * Testes                            | * Thymus                    | * Thyroid Gland                     |
| * Trachea                 | * Urinary Bladder                   |                             |                                     |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |   |             |                                  |                     |
|---|-------------|----------------------------------|---------------------|
| * Adrenal Cortex                                | Subcapsular | Hyperplasia                      | Minimal             |
| * Intestine Small, Ileum                        |             | Hyperplasia                      | Lymphoid, Mild      |
| [ Hyperplasia TGLs = 3-12 ]                     |             |                                  |                     |
| * Lymph Node, Mesenteric                        |             | Hyperplasia                      | Lymphoid, Moderate  |
| * Mammary GI                                    |             |                                  |                     |
| Note: RC attempted                              |             |                                  |                     |
| * Parathyroid Gland                             |             | Cyst                             | Mild                |
| * Prostate                                      |             | Infiltration Cellular            | Lymphocyte, Minimal |
| * Skin  |             | Fibrosarcoma                     |                     |
| [ Fibrosarcoma TGLs = 1-2A ]                    |             |                                  |                     |
| * Spleen  |             | Hematopoietic Cell Proliferation | Moderate            |
|   |             | Hyperplasia                      | Lymphoid, Mild      |
| [ Hematopoietic Cell Proliferation TGLs = 2-9 ] |             |                                  |                     |
| [ Hyperplasia TGLs = 2-9 ]                      |             |                                  |                     |

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 222

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900222

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                                     |                             |                                     |                            |
|-------------------------------------|-----------------------------|-------------------------------------|----------------------------|
| * Adrenal Medulla                   | * Blood Vessel              | * Bone Marrow                       | * Bone, Femur              |
| * Brain, Brain Stem                 | * Brain, Cerebellum         | * Brain, Cerebrum                   | * Epididymis               |
| * Esophagus                         | * Eye                       | * Gallbladder                       | * Heart                    |
| * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Islets, Pancreatic                | * Lung                      | * Lymph Node, Mandibular            | * Nose                     |
| * Pancreas                          | * Parathyroid Gland         | * Pituitary Gland                   | * Preputial Gland          |
| * Prostate                          | * Seminal Vesicle           | * Skin                              | * Stomach, Forestomach     |
| * Stomach, Glandular                | * Testes                    | * Thymus                            | * Thyroid Gland            |
| * Trachea                           | * Urinary Bladder           |                                     |                            |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                                  |             |                       |                     |
|----------------------------------|-------------|-----------------------|---------------------|
| * Adrenal Cortex                 | Subcapsular | Adenoma               |                     |
| * Harderian Gland                |             | Adenoma               |                     |
| [ Adenoma TGLs = 3-13 ]          |             |                       |                     |
| * Heart                          |             |                       |                     |
| Note: TGL 4 - NCL                |             |                       |                     |
| * Kidney                         |             | Nephropathy           | Minimal             |
| * Liver                          |             | Basophilic Focus      |                     |
| [ Basophilic Focus TGLs = 2-3A ] |             |                       |                     |
| * Lymph Node, Mesenteric         |             | Hemorrhage            | Mild                |
|                                  |             | Hyperplasia           | Lymphoid, Mild      |
| [ Hemorrhage TGLs = 1-11 ]       |             |                       |                     |
| [ Hyperplasia TGLs = 1-11 ]      |             |                       |                     |
| * Mammary GI                     |             |                       |                     |
| Note: RC attempted               |             |                       |                     |
| * Salivary Glands                |             | Infiltration Cellular | Lymphocyte, Minimal |
| * Spleen                         |             | Hyperplasia           | Lymphoid, Mild      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 223

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900223

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLs = 2-3A ]		
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Mild
* Mammary Gland			
	Note: RC attempted		
* Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Suppurative, Marked
	[ Ectasia TGLs = 1-7B ]		
	[ Inflammation TGLs = 1-7B ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
* Testes	Seminif Tub	Degeneration	Minimal
* Thymus		Atrophy	Marked

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 224

TRT#: 5

SEX: Male

DAY ON TEST: 337

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900224

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Parathyroid Gland	* Prostate
-----------------	---------------------	------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Mammary GI			
Note: RC attempted			
* Parathyroid GI			
Note: RC attempted			
* Preputial GI			
Note: TGL 1 - NCL			
* Prostate			
Note: RC/WT attempted			
* Skin		Fibrosarcoma	
[ Fibrosarcoma TGLs = 3-2A ]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLs = 2-9 ]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 241

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900241

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Gallbladder	* Mammary Gland
---------------	-----------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Gallbladder			
Note: RC attempted			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
[ Basophilic Focus TGLs = 2-3A ]			
[ Hepatocellular Adenoma TGLs = 1-3 ]			
* Mammary GI			
Note: No RC per pathologist			
* Preputial Gland		Degeneration	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 242

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900242

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Moderate
		Mixed Cell Focus	
	[ Fatty Change TGLs = 2-3B ]		
	[ Mixed Cell Focus TGLs = 1-3A ]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
	[ Hyperplasia TGLs = 3-11 ]		
* Mammary GI			
Note: RC attempted			
* Nose		Hyaline Droplet	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Degeneration	Mild

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 243

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900243

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Pancreas	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	[ Hepatocellular Carcinoma TGLs = 2,3-3+3A ]		
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric	Sinus	Dilatation	Moderate
		Hemorrhage	Moderate
	[ Dilatation TGLs = 4-11 ]		
	[ Hemorrhage TGLs = 4-11 ]		
* Mammary GI			
	Note: No RC per pathologist		
* Nose		Hyaline Droplet	Minimal
* Parathyroid GI			
	Note: No RC per pathologist		
* Preputial Gland	Duct	Ectasia	Marked
		Fibrosarcoma	
		Inflammation	Suppurative, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 243

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900243

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Ectasia TGLs = 1-7 ]

[ Fibrosarcoma TGLs = 1-7 ]

[ Inflammation TGLs = 1-7 ]

\* Salivary Glands

\* Spleen

\* Thymus

Infiltration Cellular

Hematopoietic Cell Proliferation

Atrophy

Lymphocyte, Minimal

Marked

Moderate

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 244

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900244

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                             |                                     |                            |                                     |
|-----------------------------|-------------------------------------|----------------------------|-------------------------------------|
| * Blood Vessel              | * Bone Marrow                       | * Bone, Femur              | * Brain, Brain Stem                 |
| * Brain, Cerebellum         | * Epididymis                        | * Esophagus                | * Eye                               |
| * Gallbladder               | * Harderian Gland                   | * Heart                    | * Intestine Large, Ascending Colon  |
| * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  | * Intestine Large, Transverse Colon |
| * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum | * Islets, Pancreatic                |
| * Liver                     | * Lung                              | * Lymph Node, Mandibular   | * Parathyroid Gland                 |
| * Pituitary Gland           | * Prostate                          | * Seminal Vesicle          | * Skin                              |
| * Stomach, Forestomach      | * Stomach, Glandular                | * Testes                   | * Thymus                            |
| * Thyroid Gland             | * Trachea                           | * Urinary Bladder          |                                     |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                          |             |                       |                     |
|--------------------------|-------------|-----------------------|---------------------|
| * Adrenal Cortex         | Subcapsular | Hyperplasia           | Mild                |
| * Adrenal Medulla        |             | Hyperplasia           | Mild                |
| * Brain, Cerebrum        |             | Mineralization        | Minimal             |
| * Kidney                 |             | Nephropathy           | Minimal             |
| * Lymph Node, Mesenteric |             | Hyperplasia           | Lymphoid, Mild      |
| * Mammary GI             |             |                       |                     |
| Note: RC attempted       |             |                       |                     |
| * Nose                   |             | Hyaline Droplet       | Minimal             |
| * Pancreas               | Acinus      | Degeneration          | Minimal             |
| * Preputial Gland        |             | Degeneration          | Marked              |
| * Salivary Glands        |             | Infiltration Cellular | Lymphocyte, Minimal |
| * Spleen                 |             | Angiectasis           | Mild                |

[ Angiectasis TGLs = 1-9 ]

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 261

TRT#: 6

SEX: Male

DAY ON TEST: 681

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Eye	Cornea	Hyperplasia	Mild
	Cornea	Inflammation	Chronic Active, Minimal
	[ Hyperplasia TGLs = 3-13 ]		
	[ Inflammation TGLs = 3-13 ]		
* Harderian Gland		Adenoma	
	[ Adenoma TGLs = 4-13 ]		
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLs = 2-3A ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland			
Note: RC attempted			
* Seminal Vesicle	Lumen	Dilatation	Mild
	[ Dilatation TGLs = 1-7A ]		
* Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 262

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900262

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                           |                                     |                             |                                     |
|---------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| * Adrenal Medulla         | * Blood Vessel                      | * Bone Marrow               | * Bone, Femur                       |
| * Brain, Brain Stem       | * Brain, Cerebellum                 | * Brain, Cerebrum           | * Epididymis                        |
| * Esophagus               | * Eye                               | * Gallbladder               | * Harderian Gland                   |
| * Heart                   | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon |
| * Intestine Large, Rectum | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            |
| * Kidney                  | * Liver                             | * Lung                      | * Nose                              |
| * Parathyroid Gland       | * Pituitary Gland                   | * Preputial Gland           | * Prostate                          |
| * Salivary Glands         | * Seminal Vesicle                   | * Skin                      | * Stomach, Forestomach              |
| * Stomach, Glandular      | * Testes                            | * Thymus                    | * Thyroid Gland                     |
| * Trachea                 | * Urinary Bladder                   |                             |                                     |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                            |                                    |                           |                   |
|----------------------------|------------------------------------|---------------------------|-------------------|
| * Adrenal Cortex           | Subcapsular                        | Hyperplasia               | Minimal           |
| * Intestine Small, Jejunum |                                    | Lymphoma Malignant        |                   |
|                            | [ Lymphoma Malignant TGLs = 1-11 ] |                           |                   |
| * Islets, Pancreatic       |                                    | Hyperplasia               | Minimal           |
| * Lymph Node, Mandibular   |                                    | Hyperplasia               | Lymphoid, Mild    |
| * Lymph Node, Mesenteric   |                                    | Hyperplasia               | Lymphoid, Minimal |
| * Mammary GI               |                                    |                           |                   |
|                            | Note: No RC per pathologist        |                           |                   |
| * Pancreas                 |                                    | Vacuolization Cytoplasmic | Minimal           |
| * Spleen                   |                                    | Hyperplasia               | Lymphoid, Minimal |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 263

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                                     |                             |                                     |                            |
|-------------------------------------|-----------------------------|-------------------------------------|----------------------------|
| * Adrenal Medulla                   | * Blood Vessel              | * Bone Marrow                       | * Bone, Femur              |
| * Brain, Brain Stem                 | * Brain, Cerebellum         | * Brain, Cerebrum                   | * Epididymis               |
| * Esophagus                         | * Eye                       | * Gallbladder                       | * Heart                    |
| * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Islets, Pancreatic                | * Lymph Node, Mandibular    | * Pancreas                          | * Parathyroid Gland        |
| * Pituitary Gland                   | * Seminal Vesicle           | * Skin                              | * Stomach, Forestomach     |
| * Stomach, Glandular                | * Testes                    | * Thyroid Gland                     | * Trachea                  |
| * Urinary Bladder                   |                             |                                     |                            |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |                          |  |                          |                     |
|--------------------------|--|--------------------------|---------------------|
| * Adrenal Cortex         | Subcapsular                              | Hyperplasia              | Mild                |
| * Harderian Gland        |  | Infiltration Cellular    | Lymphocyte, Mild    |
| * Kidney                 |  | Nephropathy              | Mild                |
| * Liver                  |  | Hepatocellular Carcinoma |                     |
|                          | [ Hepatocellular Carcinoma TGLs = 2-3A ] | Thrombus                 | Marked              |
| * Lung                   |  | Thrombus                 | Minimal             |
| * Lymph Node, Mesenteric |  | Hemorrhage               | Moderate            |
|                          | [ Hemorrhage TGLs = 3-11 ]               | Hyperplasia              | Lymphoid, Mild      |
|                          | [ Hyperplasia TGLs = 3-11 ]              |                          |                     |
| * Mammary GI             |  |                          |                     |
| Note: RC attempted       |  |                          |                     |
| * Nose                   |  | Hyaline Droplet          | Minimal             |
| * Preputial Gland        |  | Degeneration             | Marked              |
|                          |  | Inflammation             | Suppurative, Mild   |
| * Prostate               |  | Infiltration Cellular    | Lymphocyte, Minimal |
| * Salivary Glands        |  | Infiltration Cellular    | Lymphocyte, Mild    |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 263

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900263

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Spleen

[ Hyperplasia TGLs = 1-9 ]

Hyperplasia

Lymphoid, Mild

\* Thymus

Atrophy

Moderate

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 264

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Mild
* Epididymis		Hypospermia	Mild
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Basophilic Focus	
		Tension Lipidosis	Mild
	[ Basophilic Focus TGLs = 2-3A ]		
* Lung			
	Note: TGL 3 - NCL		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland			
	Note: RC attempted		
* Nose		Hyaline Droplet	Mild
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Lumen	Dilatation	Mild

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 264

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900264

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Dilatation TGLs = 1-7A ]

* Spleen		Hyperplasia	Lymphoid, Moderate
* Testes	Seminif Tub	Degeneration	Moderate
* Thymus		Hyperplasia	Lymphoid, Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal

---

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 301

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 702

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900301

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                           |                             |                                    |                            |
|---------------------------|-----------------------------|------------------------------------|----------------------------|
| * Adrenal Medulla         | * Blood Vessel              | * Bone, Femur                      | * Brain, Brain Stem        |
| * Brain, Cerebellum       | * Epididymis                | * Esophagus                        | * Eye                      |
| * Gallbladder             | * Harderian Gland           | * Intestine Large, Ascending Colon | * Intestine Large, Cecum   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum           | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Liver                     | * Lymph Node, Mandibular           | * Nose                     |
| * Pancreas                | * Parathyroid Gland         | * Pituitary Gland                  | * Prostate                 |
| * Salivary Glands         | * Seminal Vesicle           | * Stomach, Forestomach             | * Stomach, Glandular       |
| * Thyroid Gland           | * Trachea                   | * Urinary Bladder                  |                            |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                                     |                             |                       |                      |
|-------------------------------------|-----------------------------|-----------------------|----------------------|
| * Adrenal Cortex                    | Subcapsular                 | Hyperplasia           | Minimal              |
| * Bone Marrow                       |                             | Hyperplasia           | Moderate             |
| * Brain, Cerebrum                   |                             | Mineralization        | Minimal              |
| * Heart                             |                             | Cardiomyopathy        | Minimal              |
| * Intestine Large, Descending Colon | Goblet Cell                 | Hyperplasia           | Mild                 |
| * Intestine Large, Transverse Colon | Goblet Cell                 | Hyperplasia           | Minimal              |
| * Kidney                            |                             | Nephropathy           | Minimal              |
| * Lung                              |                             | Infiltration Cellular | Histiocyte, Minimal  |
| * Lymph Node, Mesenteric            | Sinus                       | Dilatation            | Marked               |
|                                     |                             | Hemorrhage            | Moderate             |
|                                     |                             | Hyperplasia           | Lymphoid, Marked     |
|                                     | [ Dilatation TGLs = 3-11 ]  |                       |                      |
|                                     | [ Hemorrhage TGLs = 3-11 ]  |                       |                      |
|                                     | [ Hyperplasia TGLs = 3-11 ] |                       |                      |
| * Mammary GI                        |                             |                       |                      |
|                                     | Note: No RC per pathologist |                       |                      |
| * Preputial Gland                   |                             | Degeneration          | Mild                 |
|                                     |                             | Inflammation          | Chronic Active, Mild |
| * Skin                              |                             | Sarcoma               |                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 301

TRT#: 7

SEX: Male

DAY ON TEST: 702

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900301

ORGAN AND ACCOUNTABLE SITE STATUS

[ Sarcoma TGLs = 1-2A ]

\* Spleen

Hematopoietic Cell Proliferation

Marked

[ Hematopoietic Cell Proliferation TGLs = 2-9 ]

\* Testes

Seminif Tub

Degeneration

Minimal

\* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH

- Skin Sarcoma

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 302

TRT#: 7

SEX: Male

DAY ON TEST: 710

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
	[ Pheochromocytoma Benign TGLs = 4-9 ]		
* Brain, Cerebrum		Mineralization	Minimal
* Harderian Gland		Adenoma	
	[ Adenoma TGLs = 7-13 ]		
* Kidney		Nephropathy	Minimal
		Pigmentation	Mild
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLs = 8-3A ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
	[ Hyperplasia TGLs = 5-11 ]		
* Mammary GI			
	Note: RC attempted		
* Nose		Hyaline Droplet	Moderate
* Parathyroid GI			
	Note: No RC per pathologist		
* Preputial GI			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 302

TRT#: 7

SEX: Male

DAY ON TEST: 710

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900302

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 2 - NCL

\* Salivary Glands

\* Skin

Epithelium

Infiltration Cellular

Fibrosarcoma

Hyperplasia

Metaplasia

Lymphocyte, Mild

Mild

Osseous, Mild

[ Fibrosarcoma TGLs = 1-2A ]

[ Hyperplasia TGLs = 6-2B ]

[ Metaplasia TGLs = 6-2B ]

\* Spleen

Hyperplasia

Lymphoid, Moderate

[ Hyperplasia TGLs = 3-9 ]

PRIMARY CAUSE OF DEATH

- Skin Fibrosarcoma

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 303

TRT#: 7

SEX: Male

DAY ON TEST: 556

DOSE: ALOEWHOLLEAF 2.0

DISP: Natural Death

HISTO: 021420900303

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Bone, Femur    \* Pituitary Gland    \* Thyroid Gland

**MISSING**

\* Esophagus    \* Mammary Gland    \* Parathyroid Gland    \* Thymus

**AUTO PRECLUDES DIAG.**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Mild
* Esophagus			
Note: WT attempted			
* Lym Node Mesen			
Note: TGL 3 - NCL			
* Mammary GI			
Note: No RC per pathologist			
* Nose		Hyaline Droplet	Mild
* Pancreas	Duct	Dilatation	Marked
[ Dilatation    TGLs = 2-16 ]			
* Parathyroid GI			
Note: RC attempted			
* Seminal Vesicle	Lumen	Dilatation	Marked
[ Dilatation    TGLs = 1-7B+7C ]			
* Thymus			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 303

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 556

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Natural Death

**HISTO:** 021420900303

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Note: RC/WT attempted

---

**PRIMARY CAUSE OF DEATH** - Pancreas Duct Dilatation

---

Animal Note: TGL 2 - Noted grossly as Cavity, abdominal was Pancreas

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 304

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900304

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                                     |                             |                                     |
|----------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| * Adrenal Medulla          | * Blood Vessel                      | * Bone Marrow               | * Bone, Femur                       |
| * Brain, Brain Stem        | * Brain, Cerebellum                 | * Brain, Cerebrum           | * Epididymis                        |
| * Esophagus                | * Eye                               | * Gallbladder               | * Harderian Gland                   |
| * Heart                    | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon |
| * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            |
| * Intestine Small, Jejunum | * Islets, Pancreatic                | * Liver                     | * Lung                              |
| * Lymph Node, Mandibular   | * Pancreas                          | * Parathyroid Gland         | * Prostate                          |
| * Seminal Vesicle          | * Skin                              | * Spleen                    | * Stomach, Forestomach              |
| * Stomach, Glandular       | * Testes                            | * Thyroid Gland             | * Trachea                           |
| * Urinary Bladder          |                                     |                             |                                     |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                             |               |                       |                  |
|-----------------------------|---------------|-----------------------|------------------|
| * Adrenal Cortex            | Subcapsular   | Adenoma               |                  |
| * Kidney                    |               | Metaplasia            | Osseous, Minimal |
|                             |               | Nephropathy           | Minimal          |
| * Lymph Node, Mesenteric    |               | Hyperplasia           | Lymphoid, Mild   |
| [ Hyperplasia TGLs = 2-11 ] |               |                       |                  |
| * Mammary Gland             |               |                       |                  |
| Note: No RC per pathologist |               |                       |                  |
| * Nose                      |               | Hyaline Droplet       | Mild             |
| * Pituitary Gland           | Pars Distalis | Cyst                  | Mild             |
| [ Cyst TGLs = 1-9A ]        |               |                       |                  |
| * Preputial Gland           |               | Degeneration          | Moderate         |
| * Salivary Glands           |               | Infiltration Cellular | Lymphocyte, Mild |
| * Thymus                    |               | Atrophy               | Mild             |

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 341

TRT#: 8

SEX: Male

DAY ON TEST: 629

DOSE: ALOEWHOLLEAF 3.0

DISP: Natural Death

HISTO: 021420900341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone, Femur	* Esophagus	* Heart
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Parathyroid Gland
* Pituitary Gland	* Skin	* Thyroid Gland	* Trachea

MISSING

* Intestine Small, Ileum	* Lymph Node, Mesenteric	* Mammary Gland
--------------------------	--------------------------	-----------------

AUTO PRECLUDES DIAG.

* Adrenal Medulla	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Jejunum	* Prostate	* Seminal Vesicle	* Stomach, Forestomach
* Testes	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Fibrous Histiocytoma	
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Fibrous Histiocytoma	
[ Fibrous Histiocytoma TGLs = 6-7A ]			
* Intestine Small, Duodenum		Fibrous Histiocytoma	
[ Fibrous Histiocytoma TGLs = 9-12B ]			
* Int Sm Ileum			
Note: No RC per pathologist			
* Kidney		Fibrous Histiocytoma	
* Liver		Fibrous Histiocytoma	
[ Fibrous Histiocytoma TGLs = 4,5-3A+3B ]			
* Lym Node Mesen			
Note: No RC per pathologist; missing at trim			
Lymph Node	Mediastinal	Fibrous Histiocytoma	
Note: TGL 2 - Noted grossly as Lymph node, renal was Mesentery			
[ Fibrous Histiocytoma TGLs = 7-16B ]			
* Mammary GI			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 341

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:** 629

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Natural Death

**HISTO:** 021420900341

**ORGAN AND ACCOUNTABLE SITE STATUS**

Note: No RC per pathologist

Mesentery

[ Fibrous Histiocytoma TGLs = 1,2-16+16A ]

Fibrous Histiocytoma

\* Nose

Hyaline Droplet

Mild

\* Pancreas

Fibrous Histiocytoma

[ Fibrous Histiocytoma TGLs = 3-10A ]

\* Preputial Gland

Degeneration

Moderate

\* Salivary Glands

Infiltration Cellular

Lymphocyte, Minimal

\* Spleen

Fibrous Histiocytoma

Hematopoietic Cell Proliferation

Moderate

\* Stomach, Glandular

Fibrous Histiocytoma

[ Fibrous Histiocytoma TGLs = 8-12A ]

\* Thymus

Atrophy

Marked

**PRIMARY CAUSE OF DEATH**

- Liver Fibrous Histiocytoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 342

TRT#: 8

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Mild
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma	TGLs = 1-4 ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Mammary GI			
Note: No RC per pathologist			
* Parathyroid GI			
Note: RC attempted			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 343

TRT#: 8

SEX: Male

DAY ON TEST: 547

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                                     |                                    |                                     |                            |
|-------------------------------------|------------------------------------|-------------------------------------|----------------------------|
| * Adrenal Cortex                    | * Adrenal Medulla                  | * Blood Vessel                      | * Bone Marrow              |
| * Bone, Femur                       | * Brain, Brain Stem                | * Brain, Cerebellum                 | * Epididymis               |
| * Esophagus                         | * Eye                              | * Gallbladder                       | * Harderian Gland          |
| * Heart                             | * Intestine Large, Ascending Colon | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum        | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Islets, Pancreatic                | * Liver                            | * Lung                              | * Lymph Node, Mandibular   |
| * Pancreas                          | * Pituitary Gland                  | * Preputial Gland                   | * Prostate                 |
| * Seminal Vesicle                   | * Stomach, Glandular               | * Testes                            | * Trachea                  |
| * Urinary Bladder                   |                                    |                                     |                            |

MISSING

- |                          |                 |                     |
|--------------------------|-----------------|---------------------|
| * Intestine Large, Cecum | * Mammary Gland | * Parathyroid Gland |
|--------------------------|-----------------|---------------------|

OBSERVATIONS

- |  |                                      |                                    |
|--|--------------------------------------|------------------------------------|
| * Brain, Cerebrum  | Mineralization                       | Minimal                            |
| * Int Lg Cecum<br>Note: No RC per pathologist                        |                                      |                                    |
| * Kidney   | Infiltration Cellular                | Lymphocyte, Minimal                |
| * Liver<br>Note: TGL 3 - NCL   |                                      |                                    |
| * Lymph Node, Mesenteric   | Hyperplasia<br>Infiltration Cellular | Lymphoid, Mild<br>Histiocyte, Mild |
| [ Hyperplasia TGLs = 4-11 ]<br>[ Infiltration Cellular TGLs = 4-11 ] |                                      |                                    |
| * Mammary GI<br>Note: RC attempted                                   |                                      |                                    |
| * Nose   | Hyaline Droplet                      | Moderate                           |
| * Parathyroid GI<br>Note: RC attempted                               |                                      |                                    |
| * Salivary Glands  | Infiltration Cellular                | Lymphocyte, Minimal                |
| * Skin<br>[ Fibrosarcoma TGLs = 1-2A ]                               | Fibrosarcoma                         |                                    |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 343

TRT#: 8

SEX: Male

DAY ON TEST: 547

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900343

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [ Hematopoietic Cell Proliferation TGLs = 2-9 ]	Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach [ Squamous Cell Papilloma TGLs = 5-12 ]	Squamous Cell Papilloma	
* Thymus	Atrophy	Marked
* Thyroid Gland Follicle	Degeneration	Mild

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 344

TRT#: 8

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric	Sinus	Dilatation	Mild
		Hyperplasia	Lymphoid, Marked
	[ Hyperplasia TGLs = 2-11 ]		
* Mammary GI			
	Note: RC attempted		
* Nose		Hyaline Droplet	Moderate
* Preputial Gland		Degeneration	Moderate
	[ Degeneration TGLs = 1-7 ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thymus		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

**ANIMAL ID:** 351

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900351

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                                     |                             |                                     |                            |
|-------------------------------------|-----------------------------|-------------------------------------|----------------------------|
| * Adrenal Medulla                   | * Blood Vessel              | * Bone Marrow                       | * Bone, Femur              |
| * Brain, Brain Stem                 | * Brain, Cerebellum         | * Epididymis                        | * Esophagus                |
| * Eye                               | * Gallbladder               | * Harderian Gland                   | * Heart                    |
| * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Liver                             | * Lung                      | * Lymph Node, Mandibular            | * Nose                     |
| * Pancreas                          | * Parathyroid Gland         | * Pituitary Gland                   | * Preputial Gland          |
| * Prostate                          | * Seminal Vesicle           | * Skin                              | * Stomach, Forestomach     |
| * Stomach, Glandular                | * Testes                    | * Thyroid Gland                     | * Trachea                  |
| * Urinary Bladder                   |                             |                                     |                            |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                             |             |                       |                     |
|-----------------------------|-------------|-----------------------|---------------------|
| * Adrenal Cortex            | Subcapsular | Hyperplasia           | Minimal             |
| * Brain, Cerebrum           |             | Mineralization        | Minimal             |
| * Islets, Pancreatic        |             | Hyperplasia           | Mild                |
| * Kidney                    |             | Infiltration Cellular | Lymphocyte, Minimal |
| * Lymph Node, Mesenteric    |             | Hemorrhage            | Mild                |
| * Mammary GI                |             |                       |                     |
| Note: No RC per pathologist |             |                       |                     |
| * Salivary Glands           |             | Infiltration Cellular | Lymphocyte, Minimal |
| * Spleen                    |             | Hyperplasia           | Lymphoid, Mild      |
| * Thymus                    |             | Atrophy               | Moderate            |

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 352

TRT#: 8

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900352

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Renal Tubule	Carcinoma	
		Nephropathy	Minimal
	[ Carcinoma TGLs = 3-8A ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
		Infiltration Cellular	Histiocyte, Marked
	[ Hyperplasia TGLs = 2-11 ]		
	[ Infiltration Cellular TGLs = 2-11 ]		
* Mammary Gland			
Note: RC attempted			
* Preputial Gland		Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Lumen	Dilatation	Mild
	[ Dilatation TGLs = 1-7A ]		
* Spleen		Hyperplasia	Lymphoid, Moderate

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 353

TRT#: 8

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Large, Ascending Colon	* Mammary Gland	* Parathyroid Gland
------------------------------------	-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Int Lg Asc Col			
Note: No RC per pathologist			
* Kidney	Transit Epithe	Carcinoma	
		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
[ Angiectasis TGLs = 2-3A ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary GI			
Note: No RC per pathologist			
* Nose		Hyaline Droplet	Minimal
* Parathyroid GI			
Note: RC attempted			
* Preputial Gland		Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Moderate
[ Degeneration TGLs = 1-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 353

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900353

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Infiltration Cellular TGLs = 1-7 ]

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 354

TRT#: 8

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Parathyroid Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

\* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
		Hepatocellular Carcinoma	
	[ Hemangiosarcoma TGLs = 2,3,4-3A+3B+3C ]		
	[ Hepatocellular Carcinoma TGLs = 2,3-3A+3B ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Nose		Hyaline Droplet	Minimal
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gl			
Note: WT attempted			
* Preputial Gland		Degeneration	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Marked
	[ Hyperplasia TGLs = 1-9 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 354

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900354

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thymus

Atrophy

Mild

\* Urinary Bladder

Lumen

Dilatation

Mild

---

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 371

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Mammary GI			
Note: No RC per pathologist			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Moderate

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 372

TRT#: 5

SEX: Male

DAY ON TEST: 491

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900372

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                                     |                             |                                     |
|----------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| * Adrenal Medulla          | * Blood Vessel                      | * Bone Marrow               | * Bone, Femur                       |
| * Brain, Brain Stem        | * Brain, Cerebellum                 | * Brain, Cerebrum           | * Epididymis                        |
| * Esophagus                | * Eye                               | * Gallbladder               | * Harderian Gland                   |
| * Heart                    | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon |
| * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            |
| * Intestine Small, Jejunum | * Kidney                            | * Liver                     | * Lymph Node, Mandibular            |
| * Nose                     | * Parathyroid Gland                 | * Pituitary Gland           | * Prostate                          |
| * Salivary Glands          | * Seminal Vesicle                   | * Skin                      | * Spleen                            |
| * Stomach, Forestomach     | * Stomach, Glandular                | * Thyroid Gland             | * Trachea                           |
| * Urinary Bladder          |                                     |                             |                                     |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                                  |               |   |                       |
|----------------------------------|---------------|---|-----------------------|
| * Adrenal Cortex                 | Subcapsular   | Hyperplasia   | Minimal               |
| * Esophagus                      |               |   |                       |
| Note: Located on slide 6A        |               |   |                       |
| * Islets, Pancreatic             |               | Hyperplasia   | Minimal               |
| * Lung                           |               | Alveolar/Bronchiolar Carcinoma<br>Infiltration Cellular | Histiocyte, Marked    |
| [ Alveolar/Bronchiolar Carcinoma | TGLs = 2-4 ]  |   |                       |
| Lymph Node                       | Mediastinal   | Alveolar/Bronchiolar Carcinoma                          | Metastatic (Lung)     |
|                                  | Mediastinal   | Hyperplasia   | Lymphoid, Moderate    |
|                                  | Mediastinal   | Infiltration Cellular                                   | Plasma Cell, Moderate |
| [ Alveolar/Bronchiolar Carcinoma | TGLs = 3-16 ] |   |                       |
| [ Hyperplasia                    | TGLs = 3-16 ] |   |                       |
| [ Infiltration Cellular          | TGLs = 3-16 ] |   |                       |
| * Lymph Node, Mesenteric         |               | Hyperplasia   | Lymphoid, Mild        |
| * Mammary GI                     |               |   |                       |
| Note: RC attempted               |               |   |                       |
| * Pancreas                       | Acinus        | Degeneration  | Mild                  |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 372

TRT#: 5

SEX: Male

DAY ON TEST: 491

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900372

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland [ Degeneration TGLs = 1-7 ]		Degeneration	Marked
* Testes	Seminif Tub	Degeneration	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 373

TRT#: 5

SEX: Male

DAY ON TEST: 567

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900373

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Thymus
-----------------	----------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Mammary Gland			
Note: RC attempted			
* Preputial Gland	Duct	Ectasia	Moderate
		Infiltration Cellular	Lymphocyte, Mild
		[ Ectasia TGLs = 1-7 ]	
		[ Infiltration Cellular TGLs = 1-7 ]	
* Seminal Vesicle	Lumen	Dilatation	Marked
		Inflammation	Chronic Active, Mild
		[ Dilatation TGLs = 3-7A ]	
* Skin		Fibrous Histiocytoma	
		[ Fibrous Histiocytoma TGLs = 4-2A ]	
* Spleen		Hematopoietic Cell Proliferation	Marked
		[ Hematopoietic Cell Proliferation TGLs = 2-9 ]	
* Testes	Seminif Tub	Degeneration	Minimal

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 373

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 567

**DOSE:** CONTROL WATER

**DISP:** Moribund Sacrifice

**HISTO:** 021420900373

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thymus

Note: WT attempted

---

**PRIMARY CAUSE OF DEATH**

- Skin Fibrous Histiocytoma

---

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 374

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900374

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Kidney		Nephropathy	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary GI			
Note: No RC per pathologist			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Fibroma	
	[ Fibroma TGLs = 1-2A ]		
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Marked

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 381

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900381

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                                     |                             |                                     |                            |
|-------------------------------------|-----------------------------|-------------------------------------|----------------------------|
| * Adrenal Medulla                   | * Blood Vessel              | * Bone Marrow                       | * Bone, Femur              |
| * Brain, Brain Stem                 | * Brain, Cerebellum         | * Epididymis                        | * Esophagus                |
| * Eye                               | * Gallbladder               | * Harderian Gland                   | * Heart                    |
| * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Islets, Pancreatic                | * Lung                      | * Lymph Node, Mandibular            | * Nose                     |
| * Pancreas                          | * Parathyroid Gland         | * Pituitary Gland                   | * Preputial Gland          |
| * Prostate                          | * Seminal Vesicle           | * Skin                              | * Stomach, Forestomach     |
| * Stomach, Glandular                | * Testes                    | * Thyroid Gland                     | * Trachea                  |
| * Urinary Bladder                   |                             |                                     |                            |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                             |             |                       |                     |
|-----------------------------|-------------|-----------------------|---------------------|
| * Adrenal Cortex            | Subcapsular | Hyperplasia           | Minimal             |
| * Brain, Cerebrum           |             | Mineralization        | Minimal             |
| * Kidney                    |             | Infiltration Cellular | Lymphocyte, Minimal |
| * Liver                     |             | Basophilic Focus      |                     |
| * Lymph Node, Mesenteric    |             | Hyperplasia           | Lymphoid, Mild      |
| * Mammary GI                |             |                       |                     |
| Note: No RC per pathologist |             |                       |                     |
| * Salivary Glands           |             | Infiltration Cellular | Lymphocyte, Minimal |
| * Spleen                    |             | Hyperplasia           | Lymphoid, Mild      |
| * Thymus                    |             | Atrophy               | Mild                |

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 382

TRT#: 5

SEX: Male

DAY ON TEST: 674

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea			

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Accessory Adrenal Cortical Nodule Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Axillary	Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLs = 2-16 ]			
* Lymph Node, Mesenteric	Sinus	Dilatation Hyperplasia	Moderate Lymphoid, Mild
[ Dilatation TGLs = 6-11 ]			
[ Hyperplasia TGLs = 6-11 ]			
* Mammary Gland			
Note: RC attempted			
* Pituitary Gland	Pars Intermed	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Lumen	Dilatation	Minimal
[ Dilatation TGLs = 4-7A ]			
* Skin		Fibrosarcoma	
[ Fibrosarcoma TGLs = 1-2A ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 382

TRT#: 5

SEX: Male

DAY ON TEST: 674

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900382

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLs = 5-9 ]		
* Thymus			
	Note: RC/WT attempted		
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder	Lumen	Dilatation	Moderate
	[ Dilatation TGLs = 3-8 ]		

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 383

TRT#: 5

SEX: Male

DAY ON TEST: 639

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900383

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                                     |                             |                                     |                            |
|-------------------------------------|-----------------------------|-------------------------------------|----------------------------|
| * Adrenal Medulla                   | * Blood Vessel              | * Bone Marrow                       | * Bone, Femur              |
| * Brain, Brain Stem                 | * Brain, Cerebellum         | * Epididymis                        | * Esophagus                |
| * Eye                               | * Gallbladder               | * Harderian Gland                   | * Heart                    |
| * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Islets, Pancreatic                | * Kidney                    | * Lung                              | * Lymph Node, Mandibular   |
| * Nose                              | * Pancreas                  | * Parathyroid Gland                 | * Pituitary Gland          |
| * Prostate                          | * Seminal Vesicle           | * Skin                              | * Stomach, Forestomach     |
| * Stomach, Glandular                | * Testes                    | * Thyroid Gland                     | * Trachea                  |
| * Urinary Bladder                   |                             |                                     |                            |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |   |             |                                  |                     |
|---|-------------|----------------------------------|---------------------|
| * Adrenal Cortex                                | Subcapsular | Hyperplasia                      | Minimal             |
| * Brain, Cerebrum                               |             | Mineralization                   | Mild                |
| * Heart   |             |                                  |                     |
| Note: TGL 4 - NCL                               |             |                                  |                     |
| * Liver   |             | Hepatocellular Carcinoma         |                     |
| [ Hepatocellular Carcinoma TGLs = 3-3A ]        |             |                                  |                     |
| * Lymph Node, Mesenteric                        |             | Angiectasis                      | Mild                |
| * Mammary Gland                                 |             |                                  |                     |
| Note: RC attempted                              |             |                                  |                     |
| * Preputial Gland                               |             | Cyst                             | Moderate            |
|   |             | Degeneration                     | Moderate            |
| [ Cyst TGLs = 1-7 ]                             |             |                                  |                     |
| * Salivary Glands                               |             | Infiltration Cellular            | Lymphocyte, Minimal |
| * Spleen  |             | Hematopoietic Cell Proliferation | Moderate            |
| [ Hematopoietic Cell Proliferation TGLs = 2-9 ] |             |                                  |                     |
| * Thymus  |             | Atrophy                          | Moderate            |

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 384

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900384

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
	[ Hemangiosarcoma TGLs = 1-3A ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Minimal
* Mammary GI			
Note: WT attempted			
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 391

TRT#: 5

SEX: Male

DAY ON TEST: 540

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900391

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                             |                                     |                            |                                     |
|-----------------------------|-------------------------------------|----------------------------|-------------------------------------|
| * Adrenal Medulla           | * Blood Vessel                      | * Bone, Femur              | * Brain, Brain Stem                 |
| * Brain, Cerebellum         | * Epididymis                        | * Esophagus                | * Eye                               |
| * Gallbladder               | * Harderian Gland                   | * Heart                    | * Intestine Large, Ascending Colon  |
| * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  | * Intestine Large, Transverse Colon |
| * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum | * Islets, Pancreatic                |
| * Kidney                    | * Liver                             | * Lung                     | * Lymph Node, Mandibular            |
| * Lymph Node, Mesenteric    | * Nose                              | * Pancreas                 | * Parathyroid Gland                 |
| * Pituitary Gland           | * Preputial Gland                   | * Prostate                 | * Seminal Vesicle                   |
| * Stomach, Forestomach      | * Stomach, Glandular                | * Testes                   | * Thymus                            |
| * Thyroid Gland             | * Trachea                           | * Urinary Bladder          |                                     |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                            |   |                                  |                     |
|----------------------------|---|----------------------------------|---------------------|
| * Adrenal Cortex           | Subcapsular                                     | Hyperplasia                      | Minimal             |
| * Bone Marrow              |   | Hyperplasia                      | Moderate            |
| * Brain, Cerebrum          |   | Mineralization                   | Minimal             |
| * Int Sm Jejunum           |   |                                  |                     |
| Note: Located on slide 11A |   |                                  |                     |
| * Mammary GI               |   |                                  |                     |
| Note: RC attempted         |   |                                  |                     |
| * Salivary Glands          |   | Infiltration Cellular            | Lymphocyte, Minimal |
| * Skin                     |   | Fibrosarcoma                     |                     |
|                            | [ Fibrosarcoma TGLs = 2-2A ]                    |                                  |                     |
| * Spleen                   |   | Hematopoietic Cell Proliferation | Marked              |
|                            | [ Hematopoietic Cell Proliferation TGLs = 1-9 ] |                                  |                     |

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 392

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                                     |                            |                                     |                             |
|-------------------------------------|----------------------------|-------------------------------------|-----------------------------|
| * Blood Vessel                      | * Bone, Femur              | * Brain, Brain Stem                 | * Brain, Cerebellum         |
| * Epididymis                        | * Esophagus                | * Eye                               | * Gallbladder               |
| * Harderian Gland                   | * Heart                    | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    |
| * Intestine Large, Descending Colon | * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum |
| * Intestine Small, Ileum            | * Intestine Small, Jejunum | * Islets, Pancreatic                | * Kidney                    |
| * Liver                             | * Lung                     | * Lymph Node, Mandibular            | * Pancreas                  |
| * Parathyroid Gland                 | * Pituitary Gland          | * Prostate                          | * Seminal Vesicle           |
| * Stomach, Forestomach              | * Stomach, Glandular       | * Testes                            | * Thyroid Gland             |
| * Trachea                           | * Urinary Bladder          |                                     |                             |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |                          |   |                       |                      |
|--------------------------|---|-----------------------|----------------------|
| * Adrenal Cortex         | Subcapsular                               | Hyperplasia           | Mild                 |
| * Adrenal Medulla        |   | Hyperplasia           | Mild                 |
| * Bone Marrow            |   | Hyperplasia           | Mild                 |
| * Brain, Cerebrum        |   | Mineralization        | Minimal              |
| * Lymph Node, Mesenteric |   | Angiectasis           | Mild                 |
|                          |   | Hyperplasia           | Lymphoid, Moderate   |
| * Mammary GI             |   |                       |                      |
| Note: RC attempted       |   |                       |                      |
| * Nose                   |   | Hyaline Droplet       | Minimal              |
| * Preputial Gland        |   | Degeneration          | Marked               |
|                          |   | Inflammation          | Chronic Active, Mild |
|                          | Fat                                       | Necrosis              | Marked               |
|                          | [ Degeneration TGLs = 1-7 ]               |                       |                      |
|                          | [ Inflammation TGLs = 1-7 ]               |                       |                      |
|                          | [ Necrosis TGLs = 1-7 ]                   |                       |                      |
| * Salivary Glands        |   | Infiltration Cellular | Lymphocyte, Minimal  |
| * Skin                   |   | Fibrous Histiocytoma  |                      |
|                          | [ Fibrous Histiocytoma TGLs = 3,4-2A+2B ] |                       |                      |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 392

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900392

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Spleen

[ Hematopoietic Cell Proliferation TGLs = 2-9 ]

Hematopoietic Cell Proliferation

Marked

\* Thymus

Atrophy

Marked

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 393

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                             |                                     |                            |                                     |
|-----------------------------|-------------------------------------|----------------------------|-------------------------------------|
| * Blood Vessel              | * Bone Marrow                       | * Bone, Femur              | * Brain, Brain Stem                 |
| * Brain, Cerebellum         | * Epididymis                        | * Esophagus                | * Eye                               |
| * Gallbladder               | * Harderian Gland                   | * Heart                    | * Intestine Large, Ascending Colon  |
| * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  | * Intestine Large, Transverse Colon |
| * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum | * Liver                             |
| * Lymph Node, Mandibular    | * Nose                              | * Pancreas                 | * Parathyroid Gland                 |
| * Pituitary Gland           | * Preputial Gland                   | * Prostate                 | * Seminal Vesicle                   |
| * Skin                      | * Spleen                            | * Stomach, Forestomach     | * Stomach, Glandular                |
| * Testes                    | * Thymus                            | * Thyroid Gland            | * Trachea                           |
| * Urinary Bladder           |                                     |                            |                                     |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |                          |             |                              |                              |
|--------------------------|-------------|------------------------------|------------------------------|
| * Adrenal Cortex         | Subcapsular | Hyperplasia                  | Mild                         |
| * Adrenal Medulla        |             | Hyperplasia                  | Minimal                      |
| * Brain, Cerebrum        |             | Mineralization               | Minimal                      |
| * Islets, Pancreatic     |             | Hyperplasia                  | Minimal                      |
| * Kidney                 |             | Nephropathy                  | Minimal                      |
| * Lung                   |             | Alveolar/Bronchiolar Adenoma |                              |
| Lymph Node               | Inguinal    | Hyperplasia                  | Lymphoid, Mild               |
|                          | Axillary    | Hyperplasia                  | Lymphoid, Mild               |
|                          |             |                              | [ Hyperplasia TGLs = 2-16 ]  |
|                          |             |                              | [ Hyperplasia TGLs = 3-16A ] |
| * Lymph Node, Mesenteric |             | Hyperplasia                  | Lymphoid, Mild               |
| * Mammary GI             |             |                              |                              |
| Note: RC attempted       |             |                              |                              |
| * Preputial GI           |             |                              |                              |
| Note: TGL 1 - NCL        |             |                              |                              |
| * Salivary Glands        |             | Infiltration Cellular        | Lymphocyte, Minimal          |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 394

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

\* Mammary Gland

OBSERVATIONS

* Intestine Large, Cecum [ Hyperplasia TGLs = 7-12B ]	Hyperplasia	Lymphoid, Mild
* Intestine Small, Jejunum [ Lymphoma Malignant TGLs = 4-11 ]	Lymphoma Malignant	
* Kidney	Nephropathy	Minimal
* Liver [ Hemangiosarcoma TGLs = 5-3A ] [ Hepatocellular Carcinoma TGLs = 5-3A ]	Hemangiosarcoma Hepatocellular Carcinoma	
Lymph Node Axillary [ Lymphoma Malignant TGLs = 1-16 ]	Lymphoma Malignant	
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Minimal
* Lymph Node, Mesenteric [ Angiectasis TGLs = 3-11 ] [ Lymphoma Malignant TGLs = 3-11 ]	Angiectasis Hemangiosarcoma Lymphoma Malignant	Marked
* Mammary GI		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 394

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900394

ORGAN AND ACCOUNTABLE SITE STATUS

Note: No RC per pathologist

* Preputial Gland		Degeneration	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 2-9 ]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
	[ Hyperplasia TGLs = 6-12A ]		
* Thymus		Atrophy	Mild
* Urinary Bladder	Lumen	Dilatation	Moderate

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 411

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
[ Hyperplasia TGLs = 1-11 ]			
* Mammary GI			
Note: RC attempted			
* Nose		Hyaline Droplet	Moderate
* Parathyroid GI			
Note: WT attempted			
* Spleen		Hyperplasia	Lymphoid, Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Carcinoma	
[ Carcinoma TGLs = 2-6 ]			

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 412

TRT#: 7

SEX: Male

DAY ON TEST: 699

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Eye		Cataract	Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
	Axillary	Hyperplasia	Lymphoid, Moderate
	Axillary	Infiltration Cellular	Plasma Cell, Mild
	Inguinal	Infiltration Cellular	Plasma Cell, Mild
	[ Hyperplasia TGLs = 7-16 ]		
	[ Hyperplasia TGLs = 8-16B ]		
	[ Infiltration Cellular TGLs = 8-16B ]		
	[ Infiltration Cellular TGLs = 7-16 ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
		Infiltration Cellular	Polymorphnuclr, Mild
* Mammary GI			
Note: RC attempted			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 412

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 699

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900412

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Nose		Hyaline Droplet	Moderate
* Preputial Gland		Cyst	Mild
	[ Cyst TGLs = 9-7 ]		
* Skin		Fibrosarcoma	
		Fibrosis	Marked
		Hyperplasia	Basal Cell, Marked
	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Neoplasm Nos	
		Ulcer	Mild
	[ Fibrosarcoma TGLs = 6-2F ]		
	[ Fibrosis TGLs = 4-2D ]		
	[ Hyperplasia TGLs = 1-2A ]		
	[ Hyperplasia TGLs = 4,5-2D+2E ]		
	[ Inflammation TGLs = 5-2E ]		
	[ Neoplasm Nos TGLs = 2,3-2B+2C ]		
	[ Ulcer TGLs = 5-2E ]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLs = 10-9 ]		
* Thymus		Atrophy	Moderate

**PRIMARY CAUSE OF DEATH** - Skin Fibrosarcoma



**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 413

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 632

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900413

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * Bone Marrow               | * Bone, Femur            |
| * Brain, Brain Stem        | * Brain, Cerebellum       | * Brain, Cerebrum           | * Epididymis             |
| * Esophagus                | * Eye                     | * Gallbladder               | * Heart                  |
| * Intestine Large, Cecum   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Lung                      | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Pancreas                | * Pituitary Gland           | * Salivary Glands        |
| * Seminal Vesicle          | * Stomach, Forestomach    | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          |                           |                             |                          |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                                     |  |                                  |                      |
|-------------------------------------|--|----------------------------------|----------------------|
| * Adrenal Cortex                    | Subcapsular                              | Hyperplasia                      | Minimal              |
| * Harderian Gland                   |  | Infiltration Cellular            | Lymphocyte, Minimal  |
| * Intestine Large, Ascending Colon  | Goblet Cell                              | Hyperplasia                      | Mild                 |
| * Intestine Large, Descending Colon | Goblet Cell                              | Hyperplasia                      | Minimal              |
| * Intestine Large, Transverse Colon | Goblet Cell                              | Hyperplasia                      | Mild                 |
| * Kidney                            |  | Nephropathy                      | Mild                 |
| * Liver                             |  | Hepatocellular Carcinoma         |                      |
|                                     | [ Hepatocellular Carcinoma TGLs = 1-3A ] |                                  |                      |
| * Mammary Gland                     |  |                                  |                      |
|                                     | Note: RC attempted                       |                                  |                      |
| * Nose                              |  | Hyaline Droplet                  | Mild                 |
| * Parathyroid Gland                 |  | Infiltration Cellular            | Lymphocyte, Minimal  |
| * Preputial Gland                   |  | Infiltration Cellular            | Lymphocyte, Moderate |
| * Prostate                          |  | Infiltration Cellular            | Lymphocyte, Minimal  |
| * Skin                              |  | Fibrosarcoma                     |                      |
|                                     | [ Fibrosarcoma TGLs = 2-2A ]             |                                  |                      |
| * Spleen                            |  | Hematopoietic Cell Proliferation | Moderate             |
|                                     |  | Hyperplasia                      | Lymphoid, Moderate   |
| * Stomach, Glandular                | Epithelium                               | Hyperplasia                      | Minimal              |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 413

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 632

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900413

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Testes

Seminif Tub

Degeneration

Mild

\* Thymus

Atrophy

Moderate

---

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 414

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                                     |                             |                                     |                            |
|-------------------------------------|-----------------------------|-------------------------------------|----------------------------|
| * Adrenal Medulla                   | * Blood Vessel              | * Bone Marrow                       | * Bone, Femur              |
| * Brain, Brain Stem                 | * Brain, Cerebellum         | * Epididymis                        | * Esophagus                |
| * Eye                               | * Gallbladder               | * Harderian Gland                   | * Heart                    |
| * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Islets, Pancreatic                | * Lymph Node, Mandibular    | * Lymph Node, Mesenteric            | * Pancreas                 |
| * Parathyroid Gland                 | * Pituitary Gland           | * Skin                              | * Stomach, Forestomach     |
| * Testes                            | * Thymus                    | * Thyroid Gland                     | * Trachea                  |
| * Urinary Bladder                   |                             |                                     |                            |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |  |                                  |                       |                       |
|--|----------------------------------|-----------------------|-----------------------|
| * Adrenal Cortex                                     | Subcapsular                      | Hyperplasia           | Mild                  |
| * Brain, Cerebrum                                    |                                  | Mineralization        | Minimal               |
| * Kidney   |                                  | Nephropathy           | Minimal               |
| * Liver  |                                  | Basophilic Focus      |                       |
|  |                                  | Infiltration Cellular | Lymphocyte, Minimal   |
|  | [ Basophilic Focus TGLs = 3-3A ] |                       |                       |
| * Lung   | Alveolar Epith                   | Hyperplasia           | Mild                  |
| * Lym Node Mesen                                     |                                  |                       |                       |
| Note: TGL 2 - NCL                                    |                                  |                       |                       |
| Lymph Node   |                                  |                       |                       |
| Note: Lymph node, hemal - normal located on slide 11 |                                  |                       |                       |
| * Mammary GI   |                                  |                       |                       |
| Note: RC attempted                                   |                                  |                       |                       |
| * Nose   |                                  | Hyaline Droplet       | Mild                  |
| * Preputial Gland                                    |                                  | Infiltration Cellular | Lymphocyte, Moderate  |
|  |                                  | Inflammation          | Suppurative, Moderate |
| * Prostate   |                                  | Infiltration Cellular | Lymphocyte, Minimal   |
| * Salivary Glands                                    |                                  | Infiltration Cellular | Lymphocyte, Minimal   |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 414

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900414

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle [ Dilatation TGLs = 1-7A ]	Lumen	Dilatation	Mild
* Spleen		Angiectasis Hyperplasia	Mild Lymphoid, Moderate
* Stomach, Glandular [ Hyperplasia TGLs = 4-12 ] [ Inflammation TGLs = 4-12 ]	Epithelium	Hyperplasia Inflammation	Moderate Chronic Active, Mild

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 421

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900421

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * Bone Marrow               | * Bone, Femur            |
| * Brain, Brain Stem        | * Brain, Cerebellum       | * Epididymis                | * Esophagus              |
| * Eye                      | * Gallbladder             | * Harderian Gland           | * Heart                  |
| * Intestine Large, Cecum   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Liver                     | * Lung                   |
| * Lymph Node, Mandibular   | * Pancreas                | * Parathyroid Gland         | * Pituitary Gland        |
| * Preputial Gland          | * Prostate                | * Skin                      | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Testes                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          |                           |                             |                          |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                                     |                |                       |                      |
|-------------------------------------|----------------|-----------------------|----------------------|
| * Adrenal Cortex                    | Subcapsular    | Hyperplasia           | Mild                 |
| * Brain, Cerebrum                   |                | Mineralization        | Minimal              |
| * Intestine Large, Ascending Colon  | Goblet Cell    | Hyperplasia           | Minimal              |
| * Intestine Large, Descending Colon | Goblet Cell    | Hyperplasia           | Minimal              |
| * Intestine Large, Transverse Colon | Goblet Cell    | Hyperplasia           | Mild                 |
| * Kidney                            |                | Nephropathy           | Minimal              |
| * Lymph Node, Mesenteric            |                | Infiltration Cellular | Histiocyte, Moderate |
| * Mammary GI                        |                |                       |                      |
| Note: No RC per pathologist         |                |                       |                      |
| * Nose                              | Pst Uppr Incsr | Dysplasia             | Marked               |
| * Salivary Glands                   |                | Infiltration Cellular | Lymphocyte, Minimal  |
| * Seminal Vesicle                   | Lumen          | Dilatation            | Mild                 |
| * Spleen                            |                | Hyperplasia           | Lymphoid, Mild       |
| * Thymus                            |                | Atrophy               | Mild                 |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 422

TRT#: 7

SEX: Male

DAY ON TEST: 689

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900422

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                                     |                            |                                     |                             |
|-------------------------------------|----------------------------|-------------------------------------|-----------------------------|
| * Blood Vessel                      | * Bone Marrow              | * Bone, Femur                       | * Brain, Brain Stem         |
| * Brain, Cerebellum                 | * Epididymis               | * Esophagus                         | * Eye                       |
| * Gallbladder                       | * Harderian Gland          | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    |
| * Intestine Large, Descending Colon | * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum |
| * Intestine Small, Ileum            | * Intestine Small, Jejunum | * Islets, Pancreatic                | * Liver                     |
| * Lung                              | * Lymph Node, Mesenteric   | * Pancreas                          | * Parathyroid Gland         |
| * Pituitary Gland                   | * Prostate                 | * Salivary Glands                   | * Seminal Vesicle           |
| * Stomach, Forestomach              | * Stomach, Glandular       | * Thyroid Gland                     | * Trachea                   |
| * Urinary Bladder                   |                            |                                     |                             |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                          |             |                                 |                   |
|--------------------------|-------------|---------------------------------|-------------------|
| * Adrenal Cortex         | Subcapsular | Hyperplasia                     | Mild              |
| * Adrenal Medulla        |             | Hyperplasia                     | Mild              |
| * Brain, Cerebrum        |             | Mineralization                  | Minimal           |
| * Heart                  |             | Cardiomyopathy                  | Minimal           |
| * Kidney                 |             | Metaplasia                      | Osseous, Minimal  |
|                          |             | Nephropathy                     | Minimal           |
| Lymph Node               | Inguinal    | Hyperplasia                     | Lymphoid, Mild    |
|                          | Axillary    | Hyperplasia                     | Lymphoid, Mild    |
|                          |             | [ Hyperplasia TGLs = 2-16A ]    |                   |
|                          |             | [ Hyperplasia TGLs = 1-16 ]     |                   |
| * Lymph Node, Mandibular |             | Hyperplasia                     | Lymphoid, Minimal |
|                          |             | [ Hyperplasia TGLs = 5-10+10A ] |                   |
| * Mammary GI             |             |                                 |                   |
|                          |             | Note: No RC per pathologist     |                   |
| * Nose                   |             | Hyaline Droplet                 | Minimal           |
| * Preputial Gland        |             | Cyst                            | Mild              |
|                          |             | [ Cyst TGLs = 6-7 ]             |                   |
| * Skin                   |             | Fibrosarcoma                    |                   |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016

Time Report Requested: 15:28:26

First Dose M/F: 04/27/05 / 04/27/05

Lab: NCTR

ANIMAL ID: 422

TRT#: 7

SEX: Male

DAY ON TEST: 689

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900422

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Fibrosarcoma TGLs = 4-2A ]

\* Spleen

Hematopoietic Cell Proliferation

Marked

[ Hematopoietic Cell Proliferation TGLs = 3-9 ]

\* Testes

Seminif Tub

Degeneration

Minimal

\* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH

- Skin Fibrosarcoma

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 423

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Ascending Colon
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Parathyroid Gland	* Pituitary Gland
* Stomach, Forestomach			

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
* Blood Vessel		Lymphoma Malignant	
* Brain, Cerebrum		Mineralization	Minimal
* Epididymis		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Intestine Large, Cecum		Lymphoma Malignant	
* Islets, Pancreatic		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
	[ Hepatocellular Adenoma TGLs = 6-3A ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Lymphoma Malignant	
	[ Alveolar/Bronchiolar Carcinoma TGLs = 8-4 ]		
Lymph Node		Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Axillary	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 9-16D ]		
	[ Lymphoma Malignant TGLs = 2-16A ]		

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 423

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900423

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Lymphoma Malignant	TGLs = 1-16 ]		
[ Lymphoma Malignant	TGLs = 4-16B ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 5-11 ]		
* Mammary GI			
Note: RC attempted			
* Nose		Hyaline Droplet	Minimal
* Pancreas		Lymphoma Malignant	
* Preputial Gland		Degeneration	Marked
		Lymphoma Malignant	
* Prostate		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Seminal Vesicle		Lymphoma Malignant	
Skeletal Muscle		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 7-16C ]		
* Skin		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 3-9 ]		
* Stomach, Glandular		Lymphoma Malignant	
* Testes	Seminif Tub	Degeneration	Marked
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Lymphoma Malignant	
* Trachea		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 424

TRT#: 7

SEX: Male

DAY ON TEST: 584

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900424

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                                     |                             |                                     |                            |
|-------------------------------------|-----------------------------|-------------------------------------|----------------------------|
| * Adrenal Cortex                    | * Adrenal Medulla           | * Blood Vessel                      | * Bone Marrow              |
| * Bone, Femur                       | * Brain, Brain Stem         | * Brain, Cerebellum                 | * Epididymis               |
| * Esophagus                         | * Eye                       | * Gallbladder                       | * Harderian Gland          |
| * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Islets, Pancreatic                | * Kidney                    | * Liver                             | * Lymph Node, Mandibular   |
| * Pancreas                          | * Parathyroid Gland         | * Pituitary Gland                   | * Prostate                 |
| * Salivary Glands                   | * Seminal Vesicle           | * Skin                              | * Spleen                   |
| * Stomach, Forestomach              | * Stomach, Glandular        | * Testes                            | * Thyroid Gland            |
| * Trachea                           | * Urinary Bladder           |                                     |                            |

**MISSING**

- |                 |          |
|-----------------|----------|
| * Mammary Gland | * Thymus |
|-----------------|----------|

**OBSERVATIONS**

- |   |                                |                    |
|---|--------------------------------|--------------------|
| * Brain, Cerebrum                             | Mineralization                 | Minimal            |
| * Heart                                       | Alveolar/Bronchiolar Carcinoma | Metastatic (Lung)  |
| * Lung  | Alveolar/Bronchiolar Carcinoma |                    |
|   | Infiltration Cellular          | Histiocyte, Marked |
| [ Alveolar/Bronchiolar Carcinoma TGLs = 1-4 ] |                                |                    |
| * Lymph Node, Mesenteric                      | Hemorrhage                     | Mild               |
| * Mammary GI                                  |                                |                    |
| Note: RC attempted                            |                                |                    |
| * Nose  | Hyaline Droplet                | Minimal            |
| * Preputial Gland                             | Degeneration                   | Marked             |
| * Thymus                                      |                                |                    |
| Note: WT attempted                            |                                |                    |

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 451

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Mammary GI			
Note: RC attempted			
* Preputial Gland		Degeneration	Mild
* Prostate		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Mild

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 452

TRT#: 6

SEX: Male

DAY ON TEST: 632

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Brain, Cerebrum		Mineralization	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Mammary GI			
Note: No RC per pathologist			
* Nose		Hyaline Droplet	Mild
* Pancreas	Acinus	Degeneration	Mild
* Preputial Gland		Degeneration	Mild
* Skin		Fibrosarcoma	
	[ Fibrosarcoma TGLs = 2-2A ]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLs = 1-9A ]		
* Thymus			
Note: RC/WT attempted			
* Thyroid Gland	Follicle	Degeneration	Mild

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 453

TRT#: 6

SEX: Male

DAY ON TEST: 643

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum
* Brain, Cerebrum	* Eye	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland
---------------	-----------------

OBSERVATIONS

* Adrenal Cortex [ Hepatocholangiocarcinoma TGLs = 14-9 ]	Hepatocholangiocarcinoma	Metastatic (Liver)
* Blood Vessel [ Hepatocholangiocarcinoma TGLs = 4-2A ]	Hepatocholangiocarcinoma	Metastatic (Liver)
Bone Note: TGL 11 - Noted grossly as Bone, rib was Skeletal muscle		
* Bone Marrow	Hyperplasia	Moderate
* Epididymis [ Hepatocholangiocarcinoma TGLs = 13-7B ]	Hepatocholangiocarcinoma	Metastatic (Liver)
* Esophagus [ Hepatocholangiocarcinoma TGLs = 15-6A ]	Hepatocholangiocarcinoma	Metastatic (Liver)
* Gallbladder Note: No RC per pathologist		
* Harderian Gland                      Acinus	Degeneration	Moderate
* Heart	Hepatocholangiocarcinoma	Metastatic (Liver)
* Kidney	Hepatocholangiocarcinoma	Metastatic (Liver)
* Liver  [ Hepatoblastoma TGLs = 2,12-3A+3B ] [ Hepatocholangiocarcinoma TGLs = 3-3 ]	Hepatoblastoma Hepatocholangiocarcinoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 453

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 643

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900453

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Lung	Hepatocholangiocarcinoma	Metastatic (Liver)
[ Hepatocholangiocarcinoma TGLs = 5,6,7,8,9-4+4A+4B ]		
Lymph Node		
Note: TGL 10 - Noted grossly as Lymph node, mediastinal was Tissue NOS		
* Lymph Node, Mandibular	Pigmentation	Mild
* Mammary GI		
Note: No RC per pathologist		
* Nose	Hyaline Droplet	Mild
* Pancreas	Hepatocholangiocarcinoma	Metastatic (Liver)
[ Hepatocholangiocarcinoma TGLs = 1-10 ]		
* Preputial Gland	Degeneration	Marked
Skeletal Muscle	Hepatocholangiocarcinoma	Metastatic (Liver)
[ Hepatocholangiocarcinoma TGLs = 11-16A ]		
* Spleen	Hematopoietic Cell Proliferation	Marked
* Thymus	Hepatocholangiocarcinoma	Metastatic (Liver)
Tissue NOS	Mediastinum	Hepatocholangiocarcinoma
[ Hepatocholangiocarcinoma TGLs = 10-16 ]		

PRIMARY CAUSE OF DEATH - Liver Hepatocholangiocarcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 454

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900454

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                                     |                             |                                     |
|----------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| * Adrenal Medulla          | * Blood Vessel                      | * Bone Marrow               | * Bone, Femur                       |
| * Brain, Brain Stem        | * Brain, Cerebellum                 | * Brain, Cerebrum           | * Epididymis                        |
| * Esophagus                | * Eye                               | * Gallbladder               | * Harderian Gland                   |
| * Heart                    | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon |
| * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            |
| * Intestine Small, Jejunum | * Islets, Pancreatic                | * Liver                     | * Lymph Node, Mandibular            |
| * Pancreas                 | * Parathyroid Gland                 | * Pituitary Gland           | * Preputial Gland                   |
| * Prostate                 | * Seminal Vesicle                   | * Skin                      | * Stomach, Forestomach              |
| * Stomach, Glandular       | * Testes                            | * Thymus                    | * Trachea                           |
| * Urinary Bladder          |                                     |                             |                                     |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                                |                |                              |                     |
|--------------------------------|----------------|------------------------------|---------------------|
| * Adrenal Cortex               | Subcapsular    | Hyperplasia                  | Mild                |
| * Kidney                       |                | Infiltration Cellular        | Lymphocyte, Mild    |
| * Lung                         |                | Alveolar/Bronchiolar Adenoma |                     |
| [ Alveolar/Bronchiolar Adenoma | TGLs = 1-4 ]   |                              |                     |
| * Lymph Node, Mesenteric       |                | Hyperplasia                  | Lymphoid, Mild      |
| * Mammary GI                   |                |                              |                     |
| Note: No RC per pathologist    |                |                              |                     |
| * Nose                         |                | Hyaline Droplet              | Mild                |
| * Salivary Glands              |                | Infiltration Cellular        | Lymphocyte, Minimal |
| * Spleen                       |                | Hyperplasia                  | Lymphoid, Mild      |
| * Thyroid Gland                | Follicular Cel | Hyperplasia                  | Mild                |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 461

TRT#: 6

SEX: Male

DAY ON TEST: 526

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900461

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Blood Vessel	* Bone Marrow	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	Coagulating Gland	* Epididymis
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Esophagus	* Mammary Gland	* Thymus
-------------	-----------------	----------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Moderate
Coagulat GI			
Note: TGL 3 - NCL			
* Esophagus			
Note: No RC per pathologist			
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLs = 2-3A ]			
* Mammary GI			
Note: RC attempted			
* Nose		Hyaline Droplet	Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Lumen	Dilatation	Moderate
[ Dilatation TGLs = 1-7B ]			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 461

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 526

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900461

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Spleen

Hyperplasia

Lymphoid, Mild

\* Thymus

Note: WT attempted

---

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 462

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Moderate
* Brain, Cerebrum		Mineralization	Mild
* Epididymis		Lymphoma Malignant	
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney	Pelvis	Dilatation	Mild
		Lymphoma Malignant	
	[ Dilatation TGLs = 7-8 ]		
	[ Lymphoma Malignant TGLs = 6,8-8+8A ]		
* Liver		Tension Lipidosis	Minimal
* Lung	Alveolar Epith	Hyperplasia	Marked
	Note: TGL 11 - NCL		
	[ Hyperplasia TGLs = 12-4 ]		
Lymph Node	Renal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 9-16A ]		
	[ Lymphoma Malignant TGLs = 10-16 ]		
* Lymph Node, Mandibular		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 462

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900462

ORGAN AND ACCOUNTABLE SITE STATUS

[ Lymphoma Malignant TGLs = 1-10+10A ]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 5-11 ]		
* Mammary GI		
Note: RC attempted		
* Pancreas	Vacuolization Cytoplasmic	Minimal
* Preputial Gland	Degeneration	Mild
	Inflammation	Chronic Active, Mild
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 3,4-9 ]		
* Testes	Seminif Tub	Degeneration
[ Degeneration TGLs = 2-7 ]		Marked
* Thymus		
Note: No RC per pathologist		
* Urinary Bladder	Lymphoma Malignant	

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 463

TRT#: 6

SEX: Male

DAY ON TEST: 401

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Mammary GI			
Note: RC attempted			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	[ Hyperplasia TGLs = 1-2A ]		
	[ Inflammation TGLs = 1-2A ]		
* Thyroid Gland		Cyst	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 464

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900464

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                                     |                             |                                     |                            |
|-------------------------------------|-----------------------------|-------------------------------------|----------------------------|
| * Adrenal Medulla                   | * Blood Vessel              | * Bone Marrow                       | * Bone, Femur              |
| * Brain, Brain Stem                 | * Brain, Cerebellum         | * Epididymis                        | * Esophagus                |
| * Eye                               | * Gallbladder               | * Harderian Gland                   | * Heart                    |
| * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Islets, Pancreatic                | * Lung                      | * Lymph Node, Mandibular            | * Lymph Node, Mesenteric   |
| * Nose                              | * Pancreas                  | * Parathyroid Gland                 | * Pituitary Gland          |
| * Prostate                          | * Seminal Vesicle           | * Skin                              | * Stomach, Forestomach     |
| * Stomach, Glandular                | * Testes                    | * Thymus                            | * Thyroid Gland            |
| * Trachea                           |                             |                                     |                            |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                             |             |                       |                     |
|-----------------------------|-------------|-----------------------|---------------------|
| * Adrenal Cortex            | Subcapsular | Hyperplasia           | Moderate            |
| * Brain, Cerebrum           |             | Mineralization        | Minimal             |
| * Kidney                    |             | Nephropathy           | Minimal             |
| * Liver                     |             | Tension Lipidosis     | Mild                |
| * Mammary Gland             |             |                       |                     |
| Note: No RC per pathologist |             |                       |                     |
| * Preputial Gland           |             | Cyst                  | Moderate            |
| [ Cyst TGLs = 1-7 ]         |             |                       |                     |
| * Salivary Glands           |             | Infiltration Cellular | Lymphocyte, Minimal |
| * Spleen                    |             | Hyperplasia           | Lymphoid, Moderate  |
| * Urinary Bladder           |             | Infiltration Cellular | Lymphocyte, Minimal |

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 491

TRT#: 7

SEX: Male

DAY ON TEST: 530

DOSE: ALOEWHOLLEAF 2.0

DISP: Natural Death

HISTO: 021420900491

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                                     |                                    |                                     |                           |
|-------------------------------------|------------------------------------|-------------------------------------|---------------------------|
| * Blood Vessel                      | * Bone, Femur                      | * Brain, Brain Stem                 | * Brain, Cerebellum       |
| * Brain, Cerebrum                   | * Epididymis                       | * Esophagus                         | * Gallbladder             |
| * Harderian Gland                   | * Intestine Large, Ascending Colon | * Intestine Large, Descending Colon | * Intestine Large, Rectum |
| * Intestine Large, Transverse Colon | * Intestine Small, Ileum           | * Islets, Pancreatic                | * Parathyroid Gland       |
| * Salivary Glands                   | * Stomach, Forestomach             | * Stomach, Glandular                | * Thyroid Gland           |
| * Trachea                           | * Urinary Bladder                  |                                     |                           |

**MISSING**

- |                 |                   |          |
|-----------------|-------------------|----------|
| * Mammary Gland | * Pituitary Gland | * Thymus |
|-----------------|-------------------|----------|

**AUTO PRECLUDES DIAG.**

- |                          |                          |                             |                            |
|--------------------------|--------------------------|-----------------------------|----------------------------|
| * Eye                    | * Intestine Large, Cecum | * Intestine Small, Duodenum | * Intestine Small, Jejunum |
| * Lymph Node, Mandibular |                          |                             |                            |

**OBSERVATIONS**

- |  |  |                    |                    |
|--|--|--------------------|--------------------|
| * Adrenal Cortex   |  | Cholangiocarcinoma | Metastatic (Liver) |
| [ Cholangiocarcinoma TGLs = 9-9B ]                                 |  |                    |                    |
| * Adrenal Medulla  |  | Cholangiocarcinoma | Metastatic (Liver) |
| [ Cholangiocarcinoma TGLs = 9-9B ]                                 |  |                    |                    |
| Bone   |  |                    |                    |
| Note: TGL 13 - Noted grossly as Bone, thoracic was Skeletal muscle |  |                    |                    |
| * Bone Marrow  |  | Hyperplasia        | Mild               |
| * Heart  |  | Cholangiocarcinoma | Metastatic (Liver) |
| [ Cholangiocarcinoma TGLs = 14-2B ]                                |  |                    |                    |
| * Kidney   |  | Cholangiocarcinoma | Metastatic (Liver) |
| [ Cholangiocarcinoma TGLs = 10-8A ]                                |  |                    |                    |
| * Liver  |  | Cholangiocarcinoma |                    |
| [ Cholangiocarcinoma TGLs = 4,5,6,7,8-3+3A+3B+3C+3D ]              |  |                    |                    |
| * Lung   |  | Cholangiocarcinoma | Metastatic (Liver) |
| [ Cholangiocarcinoma TGLs = 12-4+4A+4B ]                           |  |                    |                    |
| * Lymph Node, Mesenteric   |  | Hemorrhage         | Marked             |
| * Mammary GI   |  |                    |                    |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 491

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 530

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Natural Death

**HISTO:** 021420900491

**ORGAN AND ACCOUNTABLE SITE STATUS**

Note: No RC per pathologist

Mesentery

Note: TGL 3 - Noted grossly as Mesentery was Skeletal muscle

* Nose		Hyaline Droplet	Mild
* Pancreas		Cholangiocarcinoma	Metastatic (Liver)
* Pituitary Gland			
	Note: No RC per pathologist		
* Preputial Gland		Degeneration	Moderate
* Prostate		Inflammation	Suppurative, Mild
* Seminal Vesicle		Inflammation	Suppurative, Marked
Skeletal Muscle		Cholangiocarcinoma	Metastatic (Liver)
	[ Cholangiocarcinoma TGLs = 3,13-16+16A ]		
* Skin		Fibrosarcoma	
	[ Fibrosarcoma TGLs = 1-2A ]		
* Spleen		Depletion Lymphoid	Marked
	[ Depletion Lymphoid TGLs = 2-9A ]		
* Testes	Seminif Tub	Degeneration	Minimal
* Thymus			
	Note: No RC per pathologist		
	Note: TGL 11 - Noted grossly as Thymus was Tissue NOS		
Tissue NOS		Cholangiocarcinoma	Metastatic (Liver)
	[ Cholangiocarcinoma TGLs = 11-10A ]		

**PRIMARY CAUSE OF DEATH** - Liver Cholangiocarcinoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 492

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary GI			
Note: No RC per pathologist			
* Nose		Hyaline Droplet	Mild
* Preputial Gland		Inflammation	Suppurative, Moderate
* Skin		Melanoma Malignant	
	[ Melanoma Malignant TGLs = 1,2-2A+2B ]		
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 493

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900493

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                                     |                           |                             |                          |
|-------------------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla                   | * Blood Vessel            | * Bone, Femur               | * Brain, Brain Stem      |
| * Brain, Cerebellum                 | * Epididymis              | * Esophagus                 | * Eye                    |
| * Gallbladder                       | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Descending Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum          | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                              | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Parathyroid Gland      |
| * Pituitary Gland                   | * Preputial Gland         | * Prostate                  | * Stomach, Forestomach   |
| * Stomach, Glandular                | * Testes                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder                   |                           |                             |                          |

**MISSING**

- |                 |          |
|-----------------|----------|
| * Mammary Gland | * Thymus |
|-----------------|----------|

**OBSERVATIONS**

- |                                     |             |                           |                       |
|-------------------------------------|-------------|---------------------------|-----------------------|
| * Adrenal Cortex                    | Subcapsular | Hyperplasia               | Mild                  |
| * Bone Marrow                       |             | Hyperplasia               | Mild                  |
| * Brain, Cerebrum                   |             | Mineralization            | Minimal               |
| * Intestine Large, Ascending Colon  | Goblet Cell | Hyperplasia               | Mild                  |
| * Intestine Large, Transverse Colon | Goblet Cell | Hyperplasia               | Mild                  |
| * Lym Node Mesen                    |             |                           |                       |
| Note: TGL 4 - NCL                   |             |                           |                       |
| * Mammary GI                        |             |                           |                       |
| Note: No RC per pathologist         |             |                           |                       |
| * Nose                              |             | Hyaline Droplet           | Minimal               |
| * Pancreas                          |             | Vacuolization Cytoplasmic | Minimal               |
| * Salivary Glands                   |             | Infiltration Cellular     | Lymphocyte, Minimal   |
| * Seminal Vesicle                   |             | Atrophy                   | Mild                  |
| [ Atrophy TGLs = 5-7B ]             |             |                           |                       |
| * Skin                              |             | Fibrosarcoma              |                       |
|                                     |             | Fibrosis                  | Marked                |
|                                     |             | Inflammation              | Suppurative, Moderate |
|                                     |             | Ulcer                     | Marked                |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 493

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900493

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Fibrosarcoma TGLs = 1-2A ]

[ Fibrosis TGLs = 2,3-2B+2C ]

[ Inflammation TGLs = 2,3-2B+2C ]

[ Ulcer TGLs = 2,3-2B+2C ]

\* Spleen

Hematopoietic Cell Proliferation

Marked

\* Thymus

Note: No RC per pathologist

---

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 494

TRT#: 7

SEX: Male

DAY ON TEST: 464

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hematopoietic Cell Proliferation	Minimal
* Liver	Basophilic Focus	
[ Basophilic Focus TGLs = 3-3 ]		
* Mammary Gland		
Note: RC attempted		
* Nose	Hyaline Droplet	Mild
* Skin	Fibrosarcoma	
[ Fibrosarcoma TGLs = 1-2A ]		
* Spleen	Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLs = 2-9 ]		

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 501

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900501

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLs = 3-3B ]		
	[ Hepatocellular Carcinoma TGLs = 2-3A ]		
* Lym Node Mesen			
Note: TGL 4 - NCL			
* Mammary GI			
Note: No RC per pathologist			
* Nose		Hyaline Droplet	Mild
* Prostate		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Fibrosis	Marked
		Inflammation	Chronic Active, Moderate

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

---

ANIMAL ID: 501

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900501

---

ORGAN AND ACCOUNTABLE SITE STATUS

---

Ulcer

Marked

[ Fibrosis TGLs = 1-2A ]

[ Inflammation TGLs = 1-2A ]

[ Ulcer TGLs = 1-2A ]

Hyperplasia

Lymphoid, Moderate

Atrophy

Marked

---

\* Spleen

\* Thymus

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 502

TRT#: 7

SEX: Male

DAY ON TEST: 357

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900502

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                             |                          |                            |                           |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex            | * Adrenal Medulla        | * Blood Vessel             | * Bone Marrow             |
| * Bone, Femur               | * Brain, Brain Stem      | * Brain, Cerebellum        | * Brain, Cerebrum         |
| * Epididymis                | * Esophagus              | * Eye                      | * Gallbladder             |
| * Harderian Gland           | * Heart                  | * Intestine Large, Cecum   | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      |
| * Kidney                    | * Liver                  | * Lung                     | * Lymph Node, Mandibular  |
| * Lymph Node, Mesenteric    | * Pancreas               | * Parathyroid Gland        | * Pituitary Gland         |
| * Preputial Gland           | * Prostate               | * Salivary Glands          | * Seminal Vesicle         |
| * Stomach, Forestomach      | * Stomach, Glandular     | * Testes                   | * Thyroid Gland           |
| * Trachea                   | * Urinary Bladder        |                            |                           |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |  |             |                                  |         |
|--|-------------|----------------------------------|---------|
| * Intestine Large, Ascending Colon               | Goblet Cell | Hyperplasia                      | Mild    |
| * Intestine Large, Descending Colon              | Goblet Cell | Hyperplasia                      | Minimal |
| * Intestine Large, Transverse Colon              | Goblet Cell | Hyperplasia                      | Mild    |
| * Mammary GI                                     |             |                                  |         |
| Note: RC attempted                               |             |                                  |         |
| Mesentery  | Fat         | Necrosis                         | Mild    |
| [ Necrosis TGLs = 2-16 ]                         |             |                                  |         |
| * Nose   |             | Hyaline Droplet                  | Mild    |
| * Skin   |             | Fibrosarcoma                     |         |
| [ Fibrosarcoma TGLs = 1-2A ]                     |             |                                  |         |
| * Spleen   |             | Hematopoietic Cell Proliferation | Marked  |
| [ Hematopoietic Cell Proliferation TGLs = 3-9A ] |             |                                  |         |
| * Thymus   |             | Mineralization                   | Minimal |

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 503

TRT#: 7

SEX: Male

DAY ON TEST: 703

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900503

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland	* Thymus
-----------------	---------------------	----------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney	Pelvis	Dilatation	Mild
		Hyaline Droplet	Marked
* Liver		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 7,8,9,10,11,12-3+3A+3B+3C+3D ]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant	
[ Alveolar/Bronchiolar Adenoma	TGLs = 14-4A ]		
Lymph Node	Renal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 6-16B ]		
[ Lymphoma Malignant	TGLs = 5-16A ]		
[ Lymphoma Malignant	TGLs = 3-16 ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 1-10+10A ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 4-11 ]		
* Mammary GI			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 503

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 703

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900503

**ORGAN AND ACCOUNTABLE SITE STATUS**

Note: RC attempted

* Nose		Hyaline Droplet	Minimal
* Pancreas		Lymphoma Malignant	
* Parathyroid Gland			
Note: RC attempted			
* Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Suppurative, Mild
* Prostate		Lymphoma Malignant	
* Skin		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 2-9 ]		
* Testes	Seminif Tub	Degeneration	Minimal
* Thymus			
Note: TGL 13 - NCL			
Note: No RC per pathologist			
* Thyroid Gland		Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH** - Spleen Lymphoma Malignant



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 504

TRT#: 7

SEX: Male

DAY ON TEST: 703

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Mild
* Kidney		Nephropathy	Mild
	[ Nephropathy TGLs = 5-8 ]		
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLs = 6-3A ]		
* Lym Node Mand			
	Note: TGL 2 - NCL		
* Lymph Node, Mesenteric	Sinus	Dilatation	Mild
		Hemorrhage	Mild
		Infiltration Cellular	Polymorphnuclr, Mild
	[ Dilatation TGLs = 7-11 ]		
	[ Hemorrhage TGLs = 7-11 ]		
	[ Infiltration Cellular TGLs = 7-11 ]		
* Mammary GI			
	Note: No RC per pathologist		
* Preputial Gland		Degeneration	Mild
	Fat	Necrosis	Moderate

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 504

TRT#: 7

SEX: Male

DAY ON TEST: 703

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900504

ORGAN AND ACCOUNTABLE SITE STATUS

[ Degeneration TGLs = 3-7 ]

[ Necrosis TGLs = 3-7 ]

\* Skin

Fibrosarcoma

[ Fibrosarcoma TGLs = 1-2A ]

\* Spleen

Hematopoietic Cell Proliferation

Marked

[ Hematopoietic Cell Proliferation TGLs = 4-9 ]

\* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH

- Skin Fibrosarcoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 511

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900511

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Angiectasis	Moderate
		Hemorrhage	Moderate
		Hyperplasia	Lymphoid, Moderate
[ Angiectasis TGLs = 1-11 ]			
[ Hemorrhage TGLs = 1-11 ]			
[ Hyperplasia TGLs = 1-11 ]			
* Mammary GI			
Note: No RC per pathologist			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 512

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * Bone Marrow               | * Bone, Femur            |
| * Brain, Brain Stem        | * Brain, Cerebellum       | * Brain, Cerebrum           | * Esophagus              |
| * Eye                      | * Gallbladder             | * Harderian Gland           | * Heart                  |
| * Intestine Large, Cecum   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Liver                     | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      | * Pancreas               |
| * Parathyroid Gland        | * Pituitary Gland         | * Preputial Gland           | * Prostate               |
| * Salivary Glands          | * Seminal Vesicle         | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Thyroid Gland           | * Trachea                   |                          |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |                                     |                         |                       |                     |
|-------------------------------------|-------------------------|-----------------------|---------------------|
| * Adrenal Cortex                    | Subcapsular             | Hyperplasia           | Minimal             |
| * Epididymis                        |                         | Fibrosis              | Mild                |
|                                     |                         | Hypospermia           | Moderate            |
| * Intestine Large, Ascending Colon  | Goblet Cell             | Hyperplasia           | Minimal             |
| * Intestine Large, Descending Colon | Goblet Cell             | Hyperplasia           | Mild                |
| * Intestine Large, Transverse Colon | Goblet Cell             | Hyperplasia           | Mild                |
| * Kidney                            |                         | Nephropathy           | Minimal             |
| * Mammary GI                        |                         |                       |                     |
| Note: No RC per pathologist         |                         |                       |                     |
| * Skin                              |                         | Fibroma               |                     |
|                                     | [ Fibroma TGLs = 1-2A ] |                       |                     |
| * Testes                            | Seminif Tub             | Degeneration          | Moderate            |
| * Thymus                            |                         | Atrophy               | Moderate            |
| * Urinary Bladder                   |                         | Infiltration Cellular | Lymphocyte, Minimal |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 513

TRT#: 7

SEX: Male

DAY ON TEST: 658

DOSE: ALOEWHOLLEAF 2.0

DISP: Natural Death

HISTO: 021420900513

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis	* Esophagus
* Heart	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Thyroid Gland
* Trachea			

**MISSING**

* Mammary Gland	* Thymus
-----------------	----------

**AUTO PRECLUDES DIAG.**

* Eye	* Gallbladder	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Histiocytic Sarcoma	
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Histiocytic Sarcoma	
		Hyaline Droplet	Mild
* Liver		Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLs = 2,3-3+3A ]		
* Lung		Histiocytic Sarcoma	
Lymph Node	Renal	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Lumbar	Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLs = 4-16 ]		
	[ Histiocytic Sarcoma TGLs = 7-16B ]		
	[ Histiocytic Sarcoma TGLs = 5-16A ]		
* Lymph Node, Mandibular		Histiocytic Sarcoma	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 513

TRT#: 7

SEX: Male

DAY ON TEST: 658

DOSE: ALOEWHOLLEAF 2.0

DISP: Natural Death

HISTO: 021420900513

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric [ Histiocytic Sarcoma TGLs = 6-11 ]	Histiocytic Sarcoma	
* Mammary GI Note: RC attempted		
* Nose	Hyaline Droplet	Mild
* Pancreas	Histiocytic Sarcoma	
* Preputial Gland	Degeneration	Moderate
	Inflammation	Chronic Active, Moderate
* Spleen	Hematopoietic Cell Proliferation	Marked
	Histiocytic Sarcoma	
[ Hematopoietic Cell Proliferation TGLs = 1-9 ] [ Histiocytic Sarcoma TGLs = 1-9 ]		
* Thymus Note: WT attempted		

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 514

TRT#: 7

SEX: Male

DAY ON TEST: 685

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                                     |                            |                                     |                             |
|-------------------------------------|----------------------------|-------------------------------------|-----------------------------|
| * Adrenal Cortex                    | * Adrenal Medulla          | * Blood Vessel                      | * Bone Marrow               |
| * Bone, Femur                       | * Brain, Brain Stem        | * Brain, Cerebellum                 | * Brain, Cerebrum           |
| * Epididymis                        | * Esophagus                | * Eye                               | * Gallbladder               |
| * Harderian Gland                   | * Heart                    | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    |
| * Intestine Large, Descending Colon | * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum |
| * Intestine Small, Ileum            | * Intestine Small, Jejunum | * Islets, Pancreatic                | * Kidney                    |
| * Lung                              | * Pancreas                 | * Parathyroid Gland                 | * Prostate                  |
| * Seminal Vesicle                   | * Skin                     | * Stomach, Forestomach              | * Stomach, Glandular        |
| * Testes                            | * Trachea                  |                                     |                             |

MISSING

- |                 |                   |
|-----------------|-------------------|
| * Mammary Gland | * Pituitary Gland |
|-----------------|-------------------|

OBSERVATIONS

- |   |             |                    |          |
|---|-------------|--------------------|----------|
| * Adren Cortex  |             |                    |          |
| Note: TGL 15 - Noted grossly as Adrenal gland was Lymph node, renal |             |                    |          |
| * Adren Medulla   |             |                    |          |
| Note: TGL 15 - Noted grossly as Adrenal gland was Lymph node, renal |             |                    |          |
| * Liver   |             | Lymphoma Malignant |          |
| [ Lymphoma Malignant TGLs = 9,10,11,12,13-3+3A+3B+3C+3D ]           |             |                    |          |
| Lymph Node  | Renal       | Lymphoma Malignant |          |
|   | Lumbar      | Lymphoma Malignant |          |
|   | Mediastinal | Lymphoma Malignant |          |
| Note: TGL 6 - Noted grossly as Lymph node, NOS was Tissue NOS       |             |                    |          |
| [ Lymphoma Malignant TGLs = 5,15-16+9 ]                             |             |                    |          |
| [ Lymphoma Malignant TGLs = 7-16B ]                                 |             |                    |          |
| [ Lymphoma Malignant TGLs = 8-16C ]                                 |             |                    |          |
| * Lymph Node, Mandibular  |             | Lymphoma Malignant |          |
| * Lymph Node, Mesenteric  | Sinus       | Dilatation         | Moderate |
|   |             | Lymphoma Malignant |          |
| [ Dilatation TGLs = 4-11 ]  |             |                    |          |
| [ Lymphoma Malignant TGLs = 4-11 ]                                  |             |                    |          |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 514

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 685

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900514

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Mammary GI Note: RC attempted Mesentery [ Necrosis TGLs = 2-7A ]	Fat	Necrosis	Moderate
* Nose		Hyaline Droplet	Minimal
* Pituitary GI Note: RC attempted			
* Preputial Gland [ Inflammation TGLs = 1-7 ]		Inflammation	Suppurative, Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Sem Ves Note: TGL 2 - Noted grossly as Seminal vesicle was Mesentery			
* Spleen [ Hematopoietic Cell Proliferation TGLs = 3-9 ] [ Lymphoma Malignant TGLs = 3-9 ]		Hematopoietic Cell Proliferation Lymphoma Malignant	Marked
* Thymus [ Lymphoma Malignant TGLs = 14-10 ]		Lymphoma Malignant	
* Thyroid Gland Tissue NOS [ Cyst TGLs = 6-16A ]		Inflammation Cyst	Chronic Active, Minimal Marked
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

**PRIMARY CAUSE OF DEATH** - Spleen Lymphoma Malignant



**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 541

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900541

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
	[ Basophilic Focus TGLs = 1-3A ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary GI			
Note: No RC per pathologist			
* Prostate		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Minimal

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 542

TRT#: 8

SEX: Male

DAY ON TEST: 357

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900542

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Lung		Carcinoma	Metastatic (Skin)
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
* Mammary GI			
Note: RC attempted			
* Skin		Carcinoma	
	[ Carcinoma TGLs = 1-2A ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLs = 2-9A ]		

PRIMARY CAUSE OF DEATH - Skin Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 543

TRT#: 8

SEX: Male

DAY ON TEST: 695

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland                      \* Thymus

OBSERVATIONS

* Adrenal Medulla [ Pheochromocytoma Malignant    TGLs = 1-9 ]	Pheochromocytoma Malignant	
* Brain, Cerebrum	Mineralization	Minimal
* Harderian Gland [ Adenoma    TGLs = 4-13 ]	Adenoma	
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Moderate
* Liver [ Hepatocellular Carcinoma    TGLs = 2,3-3+3A ]	Hepatocellular Carcinoma	
* Lung	Alveolar Epith	Hyperplasia                      Mild
* Lymph Node, Mesenteric		Hemorrhage                      Marked
		Thrombus                         Marked
* Mammary GI Note: No RC per pathologist		
* Preputial Gland	Degeneration	Mild
* Spleen	Hematopoietic Cell Proliferation	Marked
* Testes	Seminif Tub	Degeneration                      Mild
* Thymus Note: RC attempted		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 543

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:** 695

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900543

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thyroid Gland

Follicle

Degeneration

Mild

---

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

---

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 544

TRT#: 8

SEX: Male

DAY ON TEST: 507

DOSE: ALOEWHOLLEAF 3.0

DISP: Natural Death

HISTO: 021420900544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Esophagus

MISSING

\* Mammary Gland

AUTO PRECLUDES DIAG.

\* Adrenal Cortex

\* Bone, Femur

\* Epididymis

\* Heart

\* Intestine Large, Rectum

\* Intestine Small, Jejunum

\* Lung

\* Pancreas

\* Prostate

\* Stomach, Forestomach

\* Thyroid Gland

\* Adrenal Medulla

\* Brain, Brain Stem

\* Eye

\* Intestine Large, Ascending Colon

\* Intestine Large, Transverse Colon

\* Islets, Pancreatic

\* Lymph Node, Mandibular

\* Parathyroid Gland

\* Salivary Glands

\* Stomach, Glandular

\* Trachea

\* Blood Vessel

\* Brain, Cerebellum

\* Gallbladder

\* Intestine Large, Cecum

\* Intestine Small, Duodenum

\* Kidney

\* Lymph Node, Mesenteric

\* Pituitary Gland

\* Seminal Vesicle

\* Testes

\* Urinary Bladder

\* Bone Marrow

\* Brain, Cerebrum

\* Harderian Gland

\* Intestine Large, Descending Colon

\* Intestine Small, Ileum

\* Liver

\* Nose

\* Preputial Gland

\* Spleen

\* Thymus

OBSERVATIONS

\* Mammary GI

Note: RC attempted

\* Skin

[ Fibrous Histiocytoma TGLs = 1-2A ]

Fibrous Histiocytoma

\* Spleen

Note: TGL 2 - NCL

PRIMARY CAUSE OF DEATH

- Skin Fibrous Histiocytoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 551

TRT#: 8

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900551

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Gallbladder		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 3-3 ]		
Lymph Node	Renal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 2-16 ]		
[ Lymphoma Malignant	TGLs = 4-16A ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 5-11 ]		
* Mammary GI			
Note: No RC per pathologist			
* Pancreas		Lymphoma Malignant	
* Parathyroid GI			
Note: RC attempted			
* Preputial Gland		Degeneration	Moderate
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 1-9 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 551

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900551

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thymus

Lymphoma Malignant

[ Lymphoma Malignant TGLs = 6-10A ]

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 552

TRT#: 8

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900552

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Marked
* Brain, Cerebrum		Mineralization	Minimal
* Harderian Gland	Acinus	Degeneration	Mild
		Inflammation	Chronic Active, Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Lung			
Note: TGL 1 - NCL			
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
* Mammary GI			
Note: No RC per pathologist			
* Preputial Gland		Degeneration	Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
* Testes	Interstit Cell	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 553

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900553

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLs = 4-3A ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLs = 5-4A ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
	[ Hyperplasia TGLs = 6-11 ]		
* Mammary GI			
	Note: No RC per pathologist		
* Nose		Hyaline Droplet	Minimal
* Preputial Gland		Degeneration	Moderate
	Fat	Necrosis	Marked
	[ Degeneration TGLs = 2-7B ]		
	[ Necrosis TGLs = 2-7B ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 553

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900553

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

* Seminal Vesicle [ Dilatation TGLs = 3-7A ]	Lumen	Dilatation	Mild
* Skin [ Fibrosarcoma TGLs = 1-2A ]		Fibrosarcoma	
* Spleen		Hematopoietic Cell Proliferation	Marked

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 554

TRT#: 8

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma	TGLs = 1-4A ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary GI			
Note: No RC per pathologist			
* Nose		Hyaline Droplet	Mild
* Preputial Gland		Degeneration	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 571

TRT#: 5

SEX: Male

DAY ON TEST: 703

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900571

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Marked
* Brain, Cerebrum		Mineralization	Minimal
* Liver		Eosinophilic Focus	
* Mammary GI			
Note: RC attempted			
* Preputial Gland		Degeneration	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Fibrosarcoma	
	[ Fibrosarcoma TGLs = 1-2A ]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLs = 2-9 ]		
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 572

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Pancreas	* Pituitary Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Basophilic Focus	
		Deformity	
		Hepatocellular Adenoma	
[ Deformity TGLs = 2-3B ]			
[ Hepatocellular Adenoma TGLs = 1-3A ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary GI			
Note: No RC per pathologist			
* Nose	Pst Uppr Incsr	Dysplasia	Marked
[ Dysplasia TGLs = 3-14A ]			
* Parathyroid GI			
Note: RC attempted			
* Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
* Prostate		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 572

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900572

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Spleen

Hyperplasia

Lymphoid, Mild

\* Thymus

Atrophy

Moderate

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 573

TRT#: 5

SEX: Male

DAY ON TEST: 379

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900573

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Brain, Cerebrum		Mineralization	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node	Axillary	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLs = 5-16 ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Mammary GI			
Note: RC attempted			
* Preputial Gland		Cyst	Mild
[ Cyst TGLs = 2-7 ]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Fibrosarcoma	
[ Fibrosarcoma TGLs = 1-2A ]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLs = 4-9 ]			
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland		Ectopic Thymus	
* Urin Bladder			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 573

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 379

**DOSE:** CONTROL WATER

**DISP:** Moribund Sacrifice

**HISTO:** 021420900573

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Note: TGL 3 - NCL

---

**PRIMARY CAUSE OF DEATH**

- Skin Fibrosarcoma

---



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 574

TRT#: 5

SEX: Male

DAY ON TEST: 703

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900574

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Bone			
Note: TGL 2 - Noted grossly as Bone, rib was Skeletal muscle			
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Lung		Fibrosarcoma	Metastatic (Skin)
[ Fibrosarcoma	TGLs = 4,5,6,7,8-4A+4B+4C+4D ]		
Lymph Node	Renal	Fibrosarcoma	Metastatic (Skin)
[ Fibrosarcoma	TGLs = 3-16A ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary GI			
Note: RC attempted			
* Preputial Gland		Degeneration	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Skeletal Muscle	Intercostal	Fibrosarcoma	Metastatic (Skin)
[ Fibrosarcoma	TGLs = 2-16 ]		
* Skin		Fibrosarcoma	
[ Fibrosarcoma	TGLs = 10-2A ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 574

TRT#: 5

SEX: Male

DAY ON TEST: 703

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900574

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLs = 1-9 ]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Degeneration	Mild
Tissue NOS	Mediastinum	Fibrosarcoma	Metastatic (Skin)
	[ Fibrosarcoma TGLs = 9-16B ]		

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

Animal Note: TGL 9 - Noted grossly as Cavity, thoracic was Tissue NOS

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 581

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900581

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                                     |                             |                                     |
|----------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| * Adrenal Medulla          | * Blood Vessel                      | * Bone Marrow               | * Bone, Femur                       |
| * Brain, Brain Stem        | * Brain, Cerebellum                 | * Brain, Cerebrum           | * Epididymis                        |
| * Esophagus                | * Eye                               | * Gallbladder               | * Harderian Gland                   |
| * Heart                    | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon |
| * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            |
| * Intestine Small, Jejunum | * Islets, Pancreatic                | * Liver                     | * Lung                              |
| * Nose                     | * Pancreas                          | * Parathyroid Gland         | * Pituitary Gland                   |
| * Preputial Gland          | * Prostate                          | * Salivary Glands           | * Seminal Vesicle                   |
| * Skin                     | * Stomach, Forestomach              | * Stomach, Glandular        | * Testes                            |
| * Thyroid Gland            | * Trachea                           | * Urinary Bladder           |                                     |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                             |             |                       |                     |
|-----------------------------|-------------|-----------------------|---------------------|
| * Adrenal Cortex            | Subcapsular | Hyperplasia           | Minimal             |
| * Kidney                    |             | Infiltration Cellular | Lymphocyte, Minimal |
| * Lymph Node, Mandibular    |             | Hyperplasia           | Lymphoid, Minimal   |
| * Lymph Node, Mesenteric    |             | Hemorrhage            | Mild                |
|                             |             | Hyperplasia           | Lymphoid, Mild      |
| * Mammary Gland             |             |                       |                     |
| Note: No RC per pathologist |             |                       |                     |
| * Spleen                    |             | Hyperplasia           | Lymphoid, Moderate  |
| * Thymus                    |             | Atrophy               | Marked              |

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 582

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	

Note: TGL 7 - NCL

[ Hepatocellular Adenoma TGLs = 6,9-3A+3D ]

[ Mixed Cell Focus TGLs = 8-3C ]

\* Lym Node Mand

Note: RC attempted

Lymph Node

Pancreatic

Lymphoma Malignant

[ Lymphoma Malignant TGLs = 5-16A ]

\* Lymph Node, Mesenteric

Lymphoma Malignant

[ Lymphoma Malignant TGLs = 3-11 ]

\* Mammary GI

Note: No RC per pathologist

\* Salivary Glands

Infiltration Cellular

Lymphocyte, Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 582

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900582

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin		Inflammation	Suppurative, Moderate
		Mineralization	Marked
		Ulcer	Marked
	[ Inflammation TGLs = 1-2A ]		
	[ Mineralization TGLs = 1-2A ]		
	[ Ulcer TGLs = 1-2A ]		
* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 4-9 ]		
Urethra	Bulboureth GI	Dilatation	Marked
	Bulboureth GI	Infiltration Cellular	Lymphocyte, Mild
	[ Dilatation TGLs = 2-16 ]		
	[ Infiltration Cellular TGLs = 2-16 ]		

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 583

TRT#: 5

SEX: Male

DAY ON TEST: 394

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Brain, Cerebrum		Mineralization	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLs = 3-3A ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary GI			
	Note: RC attempted		
* Preputial Gland		Fibrous Histiocytoma	
	[ Fibrous Histiocytoma TGLs = 2-7 ]		
* Skin	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	[ Hyperplasia TGLs = 1-2A ]		
	[ Inflammation TGLs = 1-2A ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild
* Thymus		Hyperplasia	Lymphoid, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 583

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 394

**DOSE:** CONTROL WATER

**DISP:** Moribund Sacrifice

**HISTO:** 021420900583

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

- Preputial Gland Fibrous Histiocytoma

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 584

TRT#: 5

SEX: Male

DAY ON TEST: 364

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900584

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                                     |                             |                                     |
|----------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| * Adrenal Medulla          | * Blood Vessel                      | * Bone Marrow               | * Bone, Femur                       |
| * Brain, Brain Stem        | * Brain, Cerebellum                 | * Brain, Cerebrum           | * Epididymis                        |
| * Esophagus                | * Eye                               | * Gallbladder               | * Harderian Gland                   |
| * Heart                    | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon |
| * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            |
| * Intestine Small, Jejunum | * Islets, Pancreatic                | * Lung                      | * Lymph Node, Mandibular            |
| * Nose                     | * Pancreas                          | * Parathyroid Gland         | * Pituitary Gland                   |
| * Preputial Gland          | * Prostate                          | * Salivary Glands           | * Seminal Vesicle                   |
| * Stomach, Forestomach     | * Stomach, Glandular                | * Testes                    | * Thymus                            |
| * Thyroid Gland            | * Trachea                           | * Urinary Bladder           |                                     |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                              |             |                                  |                     |
|------------------------------|-------------|----------------------------------|---------------------|
| * Adrenal Cortex             | Subcapsular | Hyperplasia                      | Minimal             |
|                              |             | Mineralization                   | Mild                |
| * Kidney                     |             | Infiltration Cellular            | Lymphocyte, Minimal |
| * Liver                      |             | Vacuolization Cytoplasmic        | Minimal             |
| * Lymph Node, Mesenteric     |             | Hyperplasia                      | Lymphoid, Mild      |
| * Mammary GI                 |             |                                  |                     |
| Note: RC attempted           |             |                                  |                     |
| * Skin                       |             | Fibrosarcoma                     |                     |
| [ Fibrosarcoma TGLs = 1-2A ] |             |                                  |                     |
| * Spleen                     |             | Hematopoietic Cell Proliferation | Moderate            |
|                              |             | Hyperplasia                      | Lymphoid, Mild      |

PRIMARY CAUSE OF DEATH

- Skin Fibrosarcoma

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 601

TRT#: 5

SEX: Male

DAY ON TEST: 640

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900601

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                                     |                             |                                     |
|----------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| * Adrenal Medulla          | * Blood Vessel                      | * Bone Marrow               | * Bone, Femur                       |
| * Brain, Brain Stem        | * Brain, Cerebellum                 | * Brain, Cerebrum           | * Epididymis                        |
| * Esophagus                | * Eye                               | * Gallbladder               | * Harderian Gland                   |
| * Heart                    | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon |
| * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            |
| * Intestine Small, Jejunum | * Islets, Pancreatic                | * Kidney                    | * Liver                             |
| * Lung                     | * Lymph Node, Mandibular            | * Lymph Node, Mesenteric    | * Nose                              |
| * Pancreas                 | * Parathyroid Gland                 | * Pituitary Gland           | * Preputial Gland                   |
| * Prostate                 | * Seminal Vesicle                   | * Stomach, Forestomach      | * Stomach, Glandular                |
| * Testes                   | * Thyroid Gland                     | * Trachea                   | * Urinary Bladder                   |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |   |             |                                   |                     |
|---|-------------|-----------------------------------|---------------------|
| * Adrenal Cortex                                |             | Accessory Adrenal Cortical Nodule |                     |
|   | Subcapsular | Hyperplasia                       | Mild                |
| * Mammary GI                                    |             |                                   |                     |
| Note: RC attempted                              |             |                                   |                     |
| * Salivary Glands                               |             | Infiltration Cellular             | Lymphocyte, Minimal |
| * Skin  |             | Fibrosarcoma                      |                     |
| [ Fibrosarcoma TGLs = 2-2A ]                    |             |                                   |                     |
| * Spleen  |             | Hematopoietic Cell Proliferation  | Marked              |
| [ Hematopoietic Cell Proliferation TGLs = 1-9 ] |             |                                   |                     |
| * Thymus  |             | Atrophy                           | Mild                |

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 602

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900602

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLs = 1-3A ]			
Lymph Node	Renal	Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLs = 2-16 ]			
* Lymph Node, Mesenteric		Angiectasis	Mild
	Sinus	Dilatation	Mild
		Hyperplasia	Lymphoid, Moderate
[ Angiectasis TGLs = 3-11 ]			
[ Dilatation TGLs = 3-11 ]			
[ Hyperplasia TGLs = 3-11 ]			
* Mammary GI			
Note: No RC per pathologist			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 602

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900602

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Spleen

Hyperplasia

Lymphoid, Mild

\* Thymus

Atrophy

Mild

\* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 603

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900603

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                                     |                             |                                     |                            |
|-------------------------------------|-----------------------------|-------------------------------------|----------------------------|
| * Adrenal Medulla                   | * Blood Vessel              | * Bone Marrow                       | * Bone, Femur              |
| * Brain, Brain Stem                 | * Brain, Cerebellum         | * Epididymis                        | * Esophagus                |
| * Eye                               | * Gallbladder               | * Harderian Gland                   | * Heart                    |
| * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Islets, Pancreatic                | * Liver                     | * Lung                              | * Lymph Node, Mesenteric   |
| * Mammary Gland                     | * Nose                      | * Parathyroid Gland                 | * Pituitary Gland          |
| * Seminal Vesicle                   | * Skin                      | * Stomach, Forestomach              | * Stomach, Glandular       |
| * Testes                            | * Thymus                    | * Thyroid Gland                     | * Trachea                  |
| * Urinary Bladder                   |                             |                                     |                            |

**OBSERVATIONS**

- |                          |             |                           |                     |
|--------------------------|-------------|---------------------------|---------------------|
| * Adrenal Cortex         | Subcapsular | Hyperplasia               | Mild                |
| * Brain, Cerebrum        |             | Mineralization            | Minimal             |
| * Kidney                 |             | Metaplasia                | Osseous, Mild       |
|                          |             | Nephropathy               | Minimal             |
| * Lymph Node, Mandibular |             | Hyperplasia               | Lymphoid, Minimal   |
| * Pancreas               |             | Vacuolization Cytoplasmic | Minimal             |
| * Preputial Gland        |             | Degeneration              | Marked              |
| * Prostate               |             | Infiltration Cellular     | Lymphocyte, Minimal |
| * Salivary Glands        |             | Infiltration Cellular     | Lymphocyte, Minimal |
| * Spleen                 |             | Hyperplasia               | Lymphoid, Mild      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 604

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900604

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
* Mammary Gland			
Note: No RC per pathologist			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Marked

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 621

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                             |                          |                                     |                           |
|-----------------------------|--------------------------|-------------------------------------|---------------------------|
| * Adrenal Cortex            | * Adrenal Medulla        | * Blood Vessel                      | * Bone Marrow             |
| * Bone, Femur               | * Brain, Brain Stem      | * Brain, Cerebellum                 | * Epididymis              |
| * Esophagus                 | * Eye                    | * Gallbladder                       | * Harderian Gland         |
| * Heart                     | * Intestine Large, Cecum | * Intestine Large, Descending Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum          | * Islets, Pancreatic      |
| * Liver                     | * Lung                   | * Lymph Node, Mandibular            | * Lymph Node, Mesenteric  |
| * Nose                      | * Pancreas               | * Parathyroid Gland                 | * Pituitary Gland         |
| * Prostate                  | * Seminal Vesicle        | * Skin                              | * Spleen                  |
| * Stomach, Forestomach      | * Testes                 | * Thyroid Gland                     | * Trachea                 |
| * Urinary Bladder           |                          |                                     |                           |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |                                     |             |                       |                  |
|-------------------------------------|-------------|-----------------------|------------------|
| * Brain, Cerebrum                   |             | Mineralization        | Minimal          |
| * Intestine Large, Ascending Colon  | Goblet Cell | Hyperplasia           | Minimal          |
| * Intestine Large, Transverse Colon | Goblet Cell | Hyperplasia           | Minimal          |
| * Kidney                            |             | Nephropathy           | Minimal          |
| * Mammary GI                        |             |                       |                  |
| Note: No RC per pathologist         |             |                       |                  |
| * Preputial Gland                   | Duct        | Ectasia               | Mild             |
| [ Ectasia TGLs = 1-7 ]              |             |                       |                  |
| * Salivary Glands                   |             | Infiltration Cellular | Lymphocyte, Mild |
| * Stomach, Glandular                | Epithelium  | Hyperplasia           | Minimal          |
| * Thymus                            |             | Atrophy               | Moderate         |

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 622

TRT#: 6

SEX: Male

DAY ON TEST: 24

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900622

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                                     |                             |                                     |
|----------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| * Adrenal Cortex           | * Adrenal Medulla                   | * Blood Vessel              | * Bone, Femur                       |
| * Brain, Brain Stem        | * Brain, Cerebellum                 | * Brain, Cerebrum           | * Epididymis                        |
| * Esophagus                | * Eye                               | * Gallbladder               | * Harderian Gland                   |
| * Heart                    | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon |
| * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            |
| * Intestine Small, Jejunum | * Islets, Pancreatic                | * Kidney                    | * Liver                             |
| * Lung                     | * Lymph Node, Mandibular            | * Lymph Node, Mesenteric    | * Nose                              |
| * Pancreas                 | * Parathyroid Gland                 | * Pituitary Gland           | * Preputial Gland                   |
| * Prostate                 | * Salivary Glands                   | * Seminal Vesicle           | * Stomach, Forestomach              |
| * Stomach, Glandular       | * Testes                            | * Thymus                    | * Thyroid Gland                     |
| * Trachea                  | * Urinary Bladder                   |                             |                                     |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                              |            |                                  |                          |
|------------------------------|------------|----------------------------------|--------------------------|
| * Bone Marrow                |            | Hyperplasia                      | Moderate                 |
| Lymph Node                   | Lumbar     | Hyperplasia                      | Lymphoid, Minimal        |
| [ Hyperplasia TGLs = 3-16A ] |            |                                  |                          |
| * Mammary Gland              |            |                                  |                          |
| Note: RC attempted           |            |                                  |                          |
| Penis                        |            | Inflammation                     | Chronic Active, Moderate |
|                              |            | Necrosis                         | Moderate                 |
|                              |            | Ulcer                            | Mild                     |
| [ Inflammation TGLs = 2-16 ] |            |                                  |                          |
| [ Necrosis TGLs = 2-16 ]     |            |                                  |                          |
| [ Ulcer TGLs = 2-16 ]        |            |                                  |                          |
| * Skin                       | Epithelium | Hyperplasia                      | Mild                     |
|                              |            | Inflammation                     | Chronic Active, Minimal  |
| [ Hyperplasia TGLs = 4-2A ]  |            |                                  |                          |
| [ Inflammation TGLs = 4-2A ] |            |                                  |                          |
| * Spleen                     |            | Hematopoietic Cell Proliferation | Marked                   |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 622

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 24

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900622

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Hematopoietic Cell Proliferation TGLs = 1-9 ]

---

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

---



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 624

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Tension Lipidosis	Minimal
	[ Hepatocellular Adenoma TGLs = 3-3A ]		
	[ Hepatocellular Carcinoma TGLs = 4-3B ]		
* Lung	Alveolar Epith	Hyperplasia	Moderate
	[ Hyperplasia TGLs = 5-4 ]		
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
* Mammary GI			
Note: No RC per pathologist			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Moderate
	[ Ectasia TGLs = 1-7 ]		
	[ Inflammation TGLs = 1-7 ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 624

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900624

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Skin

Note: TGL 2 - NCL

\* Spleen

Hyperplasia

Lymphoid, Mild

\* Thymus

Atrophy

Marked

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 641

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
	[ Basophilic Focus TGLs = 3-3A ]		
Lymph Node	Pancreatic	Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 2-16A ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 4-11 ]		
* Mammary GI			
Note: No RC per pathologist			
Mesentery	Fat	Necrosis	Marked
	[ Necrosis TGLs = 1-16 ]		
* Nose		Hyaline Droplet	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 642

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900642

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Minimal
	[ Hepatocellular Adenoma TGLs = 1-3 ]		
* Mammary Gland			
	Note: No RC per pathologist		
* Nose		Hyaline Droplet	Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Prostate		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 643

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Mild
* Kidney		Nephropathy	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
* Mammary GI			
Note: No RC per pathologist			
* Nose		Hyaline Droplet	Minimal
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Preputial Gland		Cyst	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 644

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                                    |                          |                            |                                     |
|------------------------------------|--------------------------|----------------------------|-------------------------------------|
| * Adrenal Medulla                  | * Blood Vessel           | * Bone Marrow              | * Bone, Femur                       |
| * Brain, Brain Stem                | * Brain, Cerebellum      | * Epididymis               | * Esophagus                         |
| * Eye                              | * Gallbladder            | * Harderian Gland          | * Heart                             |
| * Intestine Large, Ascending Colon | * Intestine Large, Cecum | * Intestine Large, Rectum  | * Intestine Large, Transverse Colon |
| * Intestine Small, Duodenum        | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic                |
| * Lung                             | * Lymph Node, Mandibular | * Pancreas                 | * Parathyroid Gland                 |
| * Pituitary Gland                  | * Seminal Vesicle        | * Skin                     | * Stomach, Forestomach              |
| * Stomach, Glandular               | * Testes                 | * Thyroid Gland            | * Trachea                           |
| * Urinary Bladder                  |                          |                            |                                     |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |                                     |  |                          |                     |
|-------------------------------------|--|--------------------------|---------------------|
| * Adrenal Cortex                    |  | Hypertrophy              | Mild                |
| * Brain, Cerebrum                   |  | Mineralization           | Minimal             |
| * Intestine Large, Descending Colon | Globlet Cell                             | Hyperplasia              | Minimal             |
| * Kidney                            |  | Infiltration Cellular    | Lymphocyte, Minimal |
| * Liver                             |  | Hepatocellular Carcinoma |                     |
|                                     | [ Hepatocellular Carcinoma TGLs = 1-3A ] |                          |                     |
| * Lymph Node, Mesenteric            |  | Hyperplasia              | Lymphoid, Mild      |
| * Mammary GI                        |  |                          |                     |
| Note: No RC per pathologist         |  |                          |                     |
| * Nose                              |  | Hyaline Droplet          | Minimal             |
| * Preputial Gland                   |  | Cyst                     | Mild                |
| * Prostate                          |  | Infiltration Cellular    | Lymphocyte, Minimal |
| * Salivary Glands                   |  | Infiltration Cellular    | Lymphocyte, Mild    |
| * Spleen                            |  | Hyperplasia              | Lymphoid, Mild      |
| * Thymus                            |  | Atrophy                  | Moderate            |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 651

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Mammary GI			
Note: No RC per pathologist			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Atrophy	Mild

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 652

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLs = 2-3A ]		
* Lymph Node, Mesenteric	Sinus	Dilatation	Marked
		Hemorrhage	Marked
	[ Dilatation TGLs = 1-11 ]		
	[ Hemorrhage TGLs = 1-11 ]		
* Mammary GI			
	Note: No RC per pathologist		
* Pancreas	Acinus	Degeneration	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
* Thymus		Atrophy	Marked

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 653

TRT#: 6

SEX: Male

DAY ON TEST: 598

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                                     |                             |                                     |                            |
|-------------------------------------|-----------------------------|-------------------------------------|----------------------------|
| * Adrenal Medulla                   | * Blood Vessel              | * Bone Marrow                       | * Bone, Femur              |
| * Brain, Brain Stem                 | * Brain, Cerebellum         | * Brain, Cerebrum                   | * Epididymis               |
| * Esophagus                         | * Eye                       | * Gallbladder                       | * Heart                    |
| * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Islets, Pancreatic                | * Kidney                    | * Liver                             | * Lung                     |
| * Lymph Node, Mandibular            | * Lymph Node, Mesenteric    | * Nose                              | * Pancreas                 |
| * Parathyroid Gland                 | * Pituitary Gland           | * Preputial Gland                   | * Prostate                 |
| * Salivary Glands                   | * Seminal Vesicle           | * Stomach, Forestomach              | * Stomach, Glandular       |
| * Testes                            | * Thymus                    | * Thyroid Gland                     | * Trachea                  |
| * Urinary Bladder                   |                             |                                     |                            |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |                                       |             |                       |                   |
|---------------------------------------|-------------|-----------------------|-------------------|
| * Adrenal Cortex                      | Subcapsular | Hyperplasia           | Minimal           |
| * Harderian Gland                     |             | Adenoma               |                   |
| [ Adenoma TGLs = 4-13A ]              |             |                       |                   |
| Lymph Node                            | Inguinal    | Infiltration Cellular | Plasma Cell, Mild |
| [ Infiltration Cellular TGLs = 2-16 ] |             |                       |                   |
| * Mammary GI                          |             |                       |                   |
| Note: No RC per pathologist           |             |                       |                   |
| * Skin                                |             | Schwannoma Malignant  |                   |
| [ Schwannoma Malignant TGLs = 3-2A ]  |             |                       |                   |
| * Spleen                              |             | Hyperplasia           | Lymphoid, Mild    |
| [ Hyperplasia TGLs = 1-9 ]            |             |                       |                   |

PRIMARY CAUSE OF DEATH - Skin Schwannoma Malignant

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 654

TRT#: 6

SEX: Male

DAY ON TEST: 489

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900654

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Polymorphnuclr, Moderate
		Thrombus	Mild
	[ Infiltration Cellular TGLs = 3-11A ]		
	[ Thrombus TGLs = 3-11A ]		
* Mammary GI			
	Note: No RC per pathologist		
* Nose		Hyaline Droplet	Minimal
* Parathyroid GI			
	Note: RC attempted		
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Mild
* Skin		Fibrosarcoma	
	[ Fibrosarcoma TGLs = 1-2A ]		
* Spleen		Hematopoietic Cell Proliferation	Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 654

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 489

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900654

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Hematopoietic Cell Proliferation TGLs = 2-9A ]

\* Thymus

Atrophy

Marked

---

PRIMARY CAUSE OF DEATH

- Skin Fibrosarcoma

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 661

TRT#: 6

SEX: Male

DAY ON TEST: 692

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900661

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                                     |                             |                                     |
|----------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| * Adrenal Medulla          | * Blood Vessel                      | * Bone Marrow               | * Bone, Femur                       |
| * Brain, Brain Stem        | * Brain, Cerebellum                 | * Brain, Cerebrum           | * Epididymis                        |
| * Esophagus                | * Eye                               | * Gallbladder               | * Harderian Gland                   |
| * Heart                    | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon |
| * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            |
| * Intestine Small, Jejunum | * Islets, Pancreatic                | * Kidney                    | * Liver                             |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric            | * Nose                      | * Pancreas                          |
| * Parathyroid Gland        | * Pituitary Gland                   | * Prostate                  | * Seminal Vesicle                   |
| * Stomach, Forestomach     | * Stomach, Glandular                | * Testes                    | * Trachea                           |
| * Urinary Bladder          |                                     |                             |                                     |

**MISSING**

- |                 |          |
|-----------------|----------|
| * Mammary Gland | * Thymus |
|-----------------|----------|

**OBSERVATIONS**

- |                    |   |                                  |                       |
|--------------------|---|----------------------------------|-----------------------|
| * Adrenal Cortex   | Subcapsular                                     | Hyperplasia                      | Mild                  |
| * Lung             | [ Alveolar/Bronchiolar Carcinoma TGLs = 5-4 ]   | Alveolar/Bronchiolar Carcinoma   |                       |
| * Mammary GI       |   |                                  |                       |
| Note: RC attempted |   |                                  |                       |
| * Preputial Gland  | Duct  | Ectasia                          | Marked                |
|                    |   | Infiltration Cellular            | Lymphocyte, Moderate  |
|                    |   | Inflammation                     | Suppurative, Moderate |
|                    | [ Ectasia TGLs = 3-7B ]                         |                                  |                       |
|                    | [ Infiltration Cellular TGLs = 3-7B ]           |                                  |                       |
|                    | [ Inflammation TGLs = 3-7B ]                    |                                  |                       |
| * Salivary Glands  |   | Infiltration Cellular            | Lymphocyte, Minimal   |
| * Skin             | [ Fibrosarcoma TGLs = 1,2-2A+2B ]               | Fibrosarcoma                     |                       |
| * Spleen           |   | Hematopoietic Cell Proliferation | Marked                |
|                    | [ Hematopoietic Cell Proliferation TGLs = 4-9 ] |                                  |                       |
| * Thymus           |   |                                  |                       |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 661

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 692

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900661

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Note: No RC per pathologist

\* Thyroid Gland

Follicle

Degeneration

Minimal

---

PRIMARY CAUSE OF DEATH

- Skin Fibrosarcoma

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 662

TRT#: 6

SEX: Male

DAY ON TEST: 647

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900662

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                                     |                             |                                     |
|----------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| * Adrenal Medulla          | * Blood Vessel                      | * Bone Marrow               | * Bone, Femur                       |
| * Brain, Brain Stem        | * Brain, Cerebellum                 | * Brain, Cerebrum           | * Epididymis                        |
| * Esophagus                | * Eye                               | * Gallbladder               | * Harderian Gland                   |
| * Heart                    | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon |
| * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            |
| * Intestine Small, Jejunum | * Islets, Pancreatic                | * Liver                     | * Lung                              |
| * Lymph Node, Mandibular   | * Pancreas                          | * Parathyroid Gland         | * Pituitary Gland                   |
| * Prostate                 | * Seminal Vesicle                   | * Stomach, Forestomach      | * Stomach, Glandular                |
| * Testes                   | * Thymus                            | * Thyroid Gland             | * Trachea                           |
| * Urinary Bladder          |                                     |                             |                                     |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |   |             |                                  |                     |
|---|-------------|----------------------------------|---------------------|
| * Adrenal Cortex                                | Subcapsular | Hyperplasia                      | Minimal             |
| * Kidney  |             | Infiltration Cellular            | Lymphocyte, Minimal |
| * Lymph Node, Mesenteric                        |             | Hemorrhage                       | Mild                |
|   |             | Hyperplasia                      | Lymphoid, Mild      |
| [ Hemorrhage TGLs = 2-11 ]                      |             |                                  |                     |
| [ Hyperplasia TGLs = 2-11 ]                     |             |                                  |                     |
| * Mammary GI                                    |             |                                  |                     |
| Note: RC attempted                              |             |                                  |                     |
| * Nose  |             | Hyaline Droplet                  | Mild                |
| * Preputial Gland                               |             | Degeneration                     | Moderate            |
| * Salivary Glands                               |             | Infiltration Cellular            | Lymphocyte, Mild    |
| * Skin  |             | Fibrosarcoma                     |                     |
| [ Fibrosarcoma TGLs = 3-2A ]                    |             |                                  |                     |
| * Spleen  |             | Hematopoietic Cell Proliferation | Moderate            |
| [ Hematopoietic Cell Proliferation TGLs = 1-9 ] |             |                                  |                     |

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 663

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
	[ Hemorrhage TGLs = 3-11 ]		
* Mammary Gland			
	Note: No RC per pathologist		
* Nose		Hyaline Droplet	Mild
* Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Suppurative, Marked
	[ Ectasia TGLs = 2-7 ]		
	[ Inflammation TGLs = 2-7 ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Fibrosis	Moderate
	Epithelium	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

---

ANIMAL ID: 663

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900663

---

ORGAN AND ACCOUNTABLE SITE STATUS

---

Inflammation

Suppurative, Minimal

[ Fibrosis TGLs = 1-2A ]

[ Hyperplasia TGLs = 1-2A ]

[ Inflammation TGLs = 1-2A ]

Atrophy

Mild

---

\* Thymus



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 664

TRT#: 6

SEX: Male

DAY ON TEST: 674

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900664

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Thymus
-----------------	----------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver	[ Hepatocellular Carcinoma TGLs = 4-3A ]	Hepatocellular Carcinoma	
* Lymph Node, Mesenteric	[ Hyperplasia TGLs = 6-11 ]	Hyperplasia	Lymphoid, Mild
* Mammary GI	Note: RC attempted Note: TGL 2 - Noted grossly as Mammary gland was Skin		
* Nose		Hyaline Droplet	Moderate
* Preputial Gland		Cyst	Marked
		Inflammation	Suppurative, Mild
	[ Cyst TGLs = 1-7 ]		
* Skin	Epithelium	Fibrosarcoma	
		Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	[ Fibrosarcoma TGLs = 2-2A ]		
	[ Hyperplasia TGLs = 5-2B ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 664

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 674

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900664

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Inflammation TGLs = 5-2B ]

\* Spleen

Hematopoietic Cell Proliferation

Marked

[ Hematopoietic Cell Proliferation TGLs = 3-9 ]

\* Thymus

Note: RC attempted

---

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 671

TRT#: 6

SEX: Male

DAY ON TEST: 735

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex [ Adenoma TGLs = 2-9 ]	Subcapsular	Adenoma	
* Brain, Cerebrum		Mineralization	Minimal
* Intestine Small, Jejunum [ Carcinoma TGLs = 5-11A ]		Carcinoma	
* Kidney		Cyst	Mild
* Liver		Infiltration Cellular	Lymphocyte, Mild
[ Hepatocellular Adenoma TGLs = 3,4-3A+3B ]		Hepatocellular Adenoma	
* Lymph Node, Mesenteric		Tension Lipidosis	Mild
* Mammary GI Note: No RC per pathologist		Angiectasis	Mild
* Nose		Hyperplasia	Lymphoid, Mild
* Pancreas		Hyaline Droplet	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Infiltration Cellular	Lymphocyte, Mild
[ Hematopoietic Cell Proliferation TGLs = 1-9 ]		Hematopoietic Cell Proliferation	Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 671

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900671

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thymus  
\* Thyroid Gland  
\* Urinary Bladder

Atrophy  
Infiltration Cellular  
Infiltration Cellular

Mild  
Lymphocyte, Minimal  
Lymphocyte, Minimal

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 672

TRT#: 6

SEX: Male

DAY ON TEST: 735

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Cyst	Marked
		Nephropathy	Minimal
	[ Cyst TGLs = 2-8A ]		
* Liver		Basophilic Focus	
	[ Basophilic Focus TGLs = 3-3 ]		
* Lung		Congestion	Marked
	[ Congestion TGLs = 5-4 ]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
	[ Hemorrhage TGLs = 4-11 ]		
	[ Hyperplasia TGLs = 4-11 ]		
* Mammary GI			
	Note: No RC per pathologist		
* Nose		Hyaline Droplet	Moderate

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 672

TRT#: 6

SEX: Male

DAY ON TEST: 735

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900672

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Epithelium	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
		Mineralization	Mild
	[ Hyperplasia TGLs = 1-2A ]		
	[ Inflammation TGLs = 1-2A ]		
	[ Mineralization TGLs = 1-2A ]		
* Spleen		Hemangiosarcoma	
	[ Hemangiosarcoma TGLs = 6-9 ]		

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 673

TRT#: 6

SEX: Male

DAY ON TEST: 735

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900673

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

* Eye	* Mammary Gland
-------	-----------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Eye			
Note: Unreadable; damaged at necropsy			
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Necrosis	Marked
		Tension Lipidosis	Minimal
	[ Hepatocellular Adenoma TGLs = 2-3B ]		
	[ Necrosis TGLs = 1-3A ]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary GI			
Note: RC attempted			
* Nose		Hyaline Droplet	Moderate
* Preputial Gland		Degeneration	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Degeneration	Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 674

TRT#: 6

SEX: Male

DAY ON TEST: 735

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Lung	Alveolar Epith	Hyperplasia	Mild
* Mammary GI			
Note: No RC per pathologist			
* Nose		Hyaline Droplet	Mild
* Preputial Gland		Inflammation	Suppurative, Minimal



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 681

TRT#: 6

SEX: Male

DAY ON TEST: 692

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lung	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
* Brain, Cerebrum		Mineralization	Minimal
* Intestine Small, Jejunum		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 10-11A ]		
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 6-3A ]		
Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Axillary	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 5-16A ]		
[ Lymphoma Malignant	TGLs = 7-16B ]		
[ Lymphoma Malignant	TGLs = 8-16C ]		
[ Lymphoma Malignant	TGLs = 4-16 ]		
[ Lymphoma Malignant	TGLs = 9-16D ]		
* Lymph Node, Mandibular		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 681

TRT#: 6

SEX: Male

DAY ON TEST: 692

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900681

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric [ Lymphoma Malignant TGLs = 11-11 ]	Lymphoma Malignant	
* Mammary GI Note: No RC per pathologist		
* Nose	Hyaline Droplet	Minimal
* Skin [ Fibrosarcoma TGLs = 1-2A ]	Fibrosarcoma	
* Spleen [ Hematopoietic Cell Proliferation TGLs = 3-9 ] [ Lymphoma Malignant TGLs = 3-9 ]	Hematopoietic Cell Proliferation Lymphoma Malignant	Moderate
* Urinary Bladder [ Dilatation TGLs = 2-8 ]	Lumen Dilatation	Marked

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 682

TRT#: 6

SEX: Male

DAY ON TEST: 533

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Prostate	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pituitary Gland
-----------------	-------------------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver	[ Hepatocellular Carcinoma TGLs = 3-3 ]	Hepatocellular Carcinoma	
* Mammary GI	Note: RC attempted		
* Nose		Hyaline Droplet	Mild
* Pituitary GI	Note: No RC per pathologist; tissue cut away		
* Preputial Gland	Duct	Ectasia	Mild
	[ Ectasia TGLs = 2-7 ]	Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin	[ Fibrosarcoma TGLs = 1-2A ]	Fibrosarcoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 683

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 687

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900683

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Cyst	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLs = 4-3 ]		
* Mammary GI			
	Note: RC attempted		
* Nose		Hyaline Droplet	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Fibrosarcoma	
	[ Fibrosarcoma TGLs = 1-2A ]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLs = 3-9 ]		
* Testes	Seminif Tub	Degeneration	Moderate
	[ Degeneration TGLs = 2-7B ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 683

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 687

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900683

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thymus

Atrophy

Marked

---

PRIMARY CAUSE OF DEATH

- Skin Fibrosarcoma

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 684

TRT#: 6

SEX: Male

DAY ON TEST: 696

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900684

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                             |                                     |                           |                                     |
|-----------------------------|-------------------------------------|---------------------------|-------------------------------------|
| * Adrenal Medulla           | * Blood Vessel                      | * Bone, Femur             | * Brain, Brain Stem                 |
| * Brain, Cerebellum         | * Epididymis                        | * Esophagus               | * Eye                               |
| * Gallbladder               | * Harderian Gland                   | * Heart                   | * Intestine Large, Ascending Colon  |
| * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum | * Intestine Large, Transverse Colon |
| * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Islets, Pancreatic      | * Kidney                            |
| * Liver                     | * Lung                              | * Lymph Node, Mandibular  | * Pancreas                          |
| * Parathyroid Gland         | * Pituitary Gland                   | * Prostate                | * Salivary Glands                   |
| * Seminal Vesicle           | * Stomach, Glandular                | * Testes                  | * Trachea                           |
| * Urinary Bladder           |                                     |                           |                                     |

**MISSING**

- |            |                 |
|------------|-----------------|
| Lymph Node | * Mammary Gland |
|------------|-----------------|

**OBSERVATIONS**

- |                                     |             |                    |          |
|-------------------------------------|-------------|--------------------|----------|
| * Adrenal Cortex                    | Subcapsular | Hyperplasia        | Minimal  |
| * Bone Marrow                       |             | Hyperplasia        | Moderate |
| * Brain, Cerebrum                   |             | Mineralization     | Minimal  |
| * Intestine Small, Jejunum          |             | Lymphoma Malignant |          |
| [ Lymphoma Malignant TGLs = 6-11A ] |             |                    |          |
| * Int Sm Ileum                      |             |                    |          |
| Note: TGL 7 - NCL                   |             |                    |          |
| * Lym Node Mand                     |             |                    |          |
| Note: TGL 8 - NCL                   |             |                    |          |
| Lymph Node                          |             |                    |          |
| Note: WT attempted                  |             |                    |          |
| Note: TGL 9 - NCL                   |             |                    |          |
| * Lymph Node, Mesenteric            |             | Lymphoma Malignant |          |
| [ Lymphoma Malignant TGLs = 5-11 ]  |             |                    |          |
| * Mammary GI                        |             |                    |          |
| Note: No RC per pathologist         |             |                    |          |
| * Nose                              |             | Hyaline Droplet    | Minimal  |
| * Preputial Gland                   |             | Cyst               | Mild     |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 684

TRT#: 6

SEX: Male

DAY ON TEST: 696

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900684

ORGAN AND ACCOUNTABLE SITE STATUS

[ Cyst TGLs = 2-7 ]

\* Skin

Fibrosarcoma

[ Fibrosarcoma TGLs = 1,3-2A+2B ]

\* Spleen

Hematopoietic Cell Proliferation

Marked

[ Hematopoietic Cell Proliferation TGLs = 4-9 ]

\* Stomach, Forestomach

Squamous Cell Papilloma

[ Squamous Cell Papilloma TGLs = 10-12B ]

\* Thymus

Atrophy

Marked

\* Thyroid Gland

Follicle

Degeneration

Mild

PRIMARY CAUSE OF DEATH

- Skin Fibrosarcoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 701

TRT#: 7

SEX: Male

DAY ON TEST: 658

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900701

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Lymphoma Malignant	
* Epididymis		Lymphoma Malignant	
* Kidney		Hyaline Droplet	Marked
		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 4-8A ]		
* Liver		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 8,9,10,11,12,13-3+3A+3B+3C+3D ]		
Lymph Node	Renal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 5-16 ]		
[ Lymphoma Malignant	TGLs = 6-16A ]		
[ Lymphoma Malignant	TGLs = 7-16B ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 3-11 ]		
* Mammary GI			
Note: No RC per pathologist			
* Nose		Hyaline Droplet	Minimal

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 701

TRT#: 7

SEX: Male

DAY ON TEST: 658

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900701

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Lymphoma Malignant	
* Preputial Gland		Degeneration	Marked
* Seminal Vesicle		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 1,2-9 ]		
* Testes	Seminif Tub	Degeneration	Mild
* Thymus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 702

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900702

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Thymus
-----------------	----------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLs = 1-3A ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary GI			
Note: No RC per pathologist			
* Nose		Hyaline Droplet	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus			
Note: RC attempted			
* Thyroid Gland	Follicle	Degeneration	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

**ANIMAL ID:** 703

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900703

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Epididymis		Atrophy	Mild
		Spermatocoele	Minimal
[ Atrophy TGLs = 6-7C ]			
[ Spermatocoele TGLs = 5-7B ]			
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
[ Hemorrhage TGLs = 2-11 ]			
[ Hyperplasia TGLs = 2-11 ]			
* Mammary GI			
Note: No RC per pathologist			
* Nose		Hyaline Droplet	Mild
* Preputial GI			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 703

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900703

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Note: TGL 1 - NCL			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Lumen	Dilatation	Moderate
[ Dilatation TGLs = 4-7A ]			
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Mild
* Urin Bladder			
Note: TGL 3 - NCL			
Note: TGL 7 - NCL			

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 704

TRT#: 7

SEX: Male

DAY ON TEST: 692

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Liver		Necrosis	Mild
		Vacuolization Cytoplasmic	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
	[ Hyperplasia TGLs = 2-11 ]		
* Mammary Gland			
	Note: RC attempted		
* Nose		Hyaline Droplet	Mild
* Preputial Gland		Degeneration	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Fibrosarcoma	
	[ Fibrosarcoma TGLs = 1-2A ]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLs = 3-9 ]		
* Thymus			
	Note: WT attempted		

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 771

TRT#: 8

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Mammary Gland			

Note: No RC per pathologist

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 772

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900772

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Harderian Gland	Acinus	Dilatation	Mild
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Mammary GI			
Note: No RC per pathologist			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Lumen	Dilatation	Mild
	[ Dilatation TGLs = 1-7A ]		
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 773

TRT#: 8

SEX: Male

DAY ON TEST: 660

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900773

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Brain, Cerebrum		Mineralization	Minimal
* Int Sm Jejunum			
Note: TGL 6 - NCL			
* Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
	Axillary	Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLs = 2-16 ]			
[ Hyperplasia TGLs = 5-16A ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLs = 4-11 ]			
* Mammary GI			
Note: RC attempted			
* Preputial Gland		Cyst	Mild
[ Cyst TGLs = 1-7 ]			
* Skin		Fibrosarcoma	
[ Fibrosarcoma TGLs = 7-2A ]			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 773

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:** 660

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900773

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Spleen

[ Hyperplasia TGLs = 3-9 ]

Hyperplasia

Lymphoid, Moderate

\* Thymus

Atrophy

Mild

---

PRIMARY CAUSE OF DEATH

- Skin Fibrosarcoma

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 774

TRT#: 8

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900774

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Blood Vessel	* Bone Marrow	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Lym Node Mand			
Note: RC attempted			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
[ Hyperplasia TGLs = 3-11 ]			
* Mammary GI			
Note: No RC per pathologist			
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLs = 1-16 ]			
* Nose		Hyaline Droplet	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLs = 2-9 ]			
* Thymus		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 781

TRT#: 8

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900781

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
	[ Hepatocellular Carcinoma TGLs = 1,2-3A+3B ]		
* Mammary GI			
	Note: No RC per pathologist		
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland		Degeneration	Marked
* Prostate		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 782

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900782

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Cyst	Mild
[ Cyst TGLs = 1-3A ]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
* Mammary GI			
Note: No RC per pathologist			
* Preputial Gland		Degeneration	Mild
* Prostate		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Testes	Seminif Tub	Degeneration	Mild
* Thyroid Gland	Follicle	Degeneration	Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 783

TRT#: 8

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900783

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Cholangiocarcinoma	
		Inflammation	Chronic Active, Marked
		Karyomegaly	Marked
		Necrosis	Moderate
		Vacuolization Cytoplasmic	Moderate
		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Lymphocyte, Minimal

Note: TGL 2 - NCL

[ Basophilic Focus TGLs = 3-3 ]

[ Cholangiocarcinoma TGLs = 1-3A ]

\* Lymph Node, Mesenteric

\* Mammary GI

Note: No RC per pathologist

\* Prostate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 783

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900783

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Salivary Glands

Infiltration Cellular

Lymphocyte, Minimal

\* Spleen

Hyperplasia

Lymphoid, Mild

\* Thymus

Atrophy

Minimal

---

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 784

TRT#: 8

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Mammary GI			
Note: No RC per pathologist			
* Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLs = 1-12A ]			

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 801

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900801

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Adrenal Medulla	* Mammary Gland	* Thymus
-------------------	-----------------	----------

**OBSERVATIONS**

* Adren Medulla			
Note: No RC per pathologist			
* Brain, Cerebrum		Mineralization	Minimal
* Intestine Large, Transverse Colon	Globlet Cell	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hemangiosarcoma	
[ Hemangiosarcoma TGLs = 1-3 ]			
* Lung			
Note: TGL 2 - NCL			
* Mammary GI			
Note: No RC per pathologist			
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus			
Note: No RC per pathologist			



**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 802

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900802

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone Marrow               |
| * Bone, Femur            | * Brain, Brain Stem        | * Brain, Cerebellum       | * Epididymis                |
| * Esophagus              | * Eye                      | * Gallbladder             | * Harderian Gland           |
| * Heart                  | * Intestine Large, Cecum   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Nose                   | * Pancreas                 | * Pituitary Gland         | * Preputial Gland           |
| * Prostate               | * Seminal Vesicle          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Testes                  | * Thymus                    |
| * Thyroid Gland          | * Trachea                  | * Urinary Bladder         |                             |

**MISSING**

- |                 |                     |
|-----------------|---------------------|
| * Mammary Gland | * Parathyroid Gland |
|-----------------|---------------------|

**OBSERVATIONS**

- |                                     |             |                       |                     |
|-------------------------------------|-------------|-----------------------|---------------------|
| * Brain, Cerebrum                   |             | Mineralization        | Minimal             |
| * Intestine Large, Ascending Colon  | Goblet Cell | Hyperplasia           | Mild                |
| * Intestine Large, Descending Colon | Goblet Cell | Hyperplasia           | Minimal             |
| * Intestine Large, Transverse Colon | Goblet Cell | Hyperplasia           | Mild                |
| * Mammary GI                        |             |                       |                     |
| Note: No RC per pathologist         |             |                       |                     |
| Mesentery                           | Fat         | Necrosis              | Moderate            |
| [ Necrosis TGLs = 1-16 ]            |             |                       |                     |
| * Parathyroid GI                    |             |                       |                     |
| Note: No RC per pathologist         |             |                       |                     |
| * Salivary Glands                   |             | Infiltration Cellular | Lymphocyte, Minimal |

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 803

TRT#: 8

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900803

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Basophilic Focus	Multiple
		Tension Lipidosis	Minimal
* Mammary Gland			
Note: No RC per pathologist			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 804

TRT#: 8

SEX: Male

DAY ON TEST: 681

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Large, Rectum	* Mammary Gland
---------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Mild
* Epididymis		Inflammation	Chronic Active, Mild
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Int Lg Rectum			
Note: WT attempted			
* Kidney		Infiltration Cellular	Lymphocyte, Mild
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Infiltration Cellular	Plasma Cell, Moderate
	[ Hyperplasia TGLs = 4-16A ]		
	[ Infiltration Cellular TGLs = 3-16 ]		
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
	[ Infiltration Cellular TGLs = 6-10 ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
	[ Hyperplasia TGLs = 5-11 ]	Infiltration Cellular	Plasma Cell, Marked
	[ Infiltration Cellular TGLs = 5-11 ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 804

TRT#: 8

SEX: Male

DAY ON TEST: 681

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900804

ORGAN AND ACCOUNTABLE SITE STATUS

\* Mammary GI

Note: RC attempted

\* Preputial Gland

Degeneration

Moderate

\* Spleen

Hyperplasia

Lymphoid, Mild

[ Hyperplasia TGLs = 2-9 ]

\* Testes

Seminif Tub

Degeneration

Mild

Hemangioma

[ Hemangioma TGLs = 1-7 ]

\* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 831

TRT#: 5

SEX: Male

DAY ON TEST: 717

DOSE: CONTROL WATER

DISP: Natural Death

HISTO: 021420900831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone, Femur	* Esophagus	* Heart
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Trachea			

MISSING

\* Mammary Gland

AUTO PRECLUDES DIAG.

* Adrenal Medulla	* Bone Marrow	* Brain, Brain Stem	* Brain, Cerebellum
* Brain, Cerebrum	* Eye	* Gallbladder	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Pancreas	* Preputial Gland	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant
* Epididymis		Lymphoma Malignant
[ Lymphoma Malignant	TGLs = 2-7B ]	
* Harderian Gland		Lymphoma Malignant
* Kidney		Lymphoma Malignant
* Liver		
Note: TGL 9 - NCL		
* Lung		Lymphoma Malignant
Lymph Node	Iliac	Lymphoma Malignant
	Renal	Lymphoma Malignant
	Axillary	Lymphoma Malignant
[ Lymphoma Malignant	TGLs = 6-16B ]	
[ Lymphoma Malignant	TGLs = 5-16A ]	
[ Lymphoma Malignant	TGLs = 4-16 ]	
* Lymph Node, Mandibular		Lymphoma Malignant
[ Lymphoma Malignant	TGLs = 1-10+10A ]	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 831

TRT#: 5

SEX: Male

DAY ON TEST: 717

DOSE: CONTROL WATER

DISP: Natural Death

HISTO: 021420900831

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric [ Lymphoma Malignant TGLs = 8-11 ]	Lymphoma Malignant	
* Mammary GI Note: No RC per pathologist		
* Prostate	Lymphoma Malignant	
* Salivary Glands	Lymphoma Malignant	
* Seminal Vesicle [ Dilatation TGLs = 3-7A ]	Lumen Dilatation	Marked
* Spleen	Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLs = 7-10 ]	Lymphoma Malignant	
* Urinary Bladder	Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 832

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900832

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                                     |                             |                                     |                            |
|-------------------------------------|-----------------------------|-------------------------------------|----------------------------|
| * Adrenal Medulla                   | * Blood Vessel              | * Bone Marrow                       | * Bone, Femur              |
| * Brain, Brain Stem                 | * Brain, Cerebellum         | * Epididymis                        | * Esophagus                |
| * Eye                               | * Gallbladder               | * Harderian Gland                   | * Heart                    |
| * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Islets, Pancreatic                | * Lung                      | * Lymph Node, Mandibular            | * Nose                     |
| * Pancreas                          | * Parathyroid Gland         | * Pituitary Gland                   | * Preputial Gland          |
| * Prostate                          | * Seminal Vesicle           | * Skin                              | * Stomach, Forestomach     |
| * Stomach, Glandular                | * Testes                    | * Thymus                            | * Thyroid Gland            |
| * Trachea                           | * Urinary Bladder           |                                     |                            |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |   |             |                       |                     |
|---|-------------|-----------------------|---------------------|
| * Adrenal Cortex  | Subcapsular | Hyperplasia           | Minimal             |
| * Brain, Cerebrum   |             | Mineralization        | Mild                |
| * Kidney  |             | Nephropathy           | Minimal             |
| * Liver   |             | Cyst                  | Mild                |
| Note: TGL 3 - NCL<br>[ Cyst TGLs = 1-3A ]                 |             |                       |                     |
| * Lymph Node, Mesenteric                                  |             | Hemorrhage            | Minimal             |
|   |             | Hyperplasia           | Lymphoid, Mild      |
| [ Hemorrhage TGLs = 2-11 ]<br>[ Hyperplasia TGLs = 2-11 ] |             |                       |                     |
| * Mammary GI  |             |                       |                     |
| Note: No RC per pathologist                               |             |                       |                     |
| * Salivary Glands   |             | Infiltration Cellular | Lymphocyte, Minimal |
| * Spleen  |             | Hyperplasia           | Lymphoid, Moderate  |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 833

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Brain, Cerebrum		Mineralization	Mild
* Harderian Gland		Carcinoma	
[ Carcinoma TGLs = 2-13 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary GI			
Note: No RC per pathologist			
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Prostate		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle	Lumen	Dilatation	Moderate
[ Dilatation TGLs = 1-7A ]			
* Skin		Fibroma	
[ Fibroma TGLs = 3,4-2A+2B ]			
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus			
Note: RC attempted			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 833

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900833

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thyroid Gland

Follicle

Degeneration

Mild

---

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 834

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900834

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Harderian Gland		Adenoma	
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
* Mammary GI			
Note: No RC per pathologist			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Degeneration	Mild

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 841

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900841

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                                     |                             |                                     |
|----------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| * Adrenal Medulla          | * Blood Vessel                      | * Bone Marrow               | * Bone, Femur                       |
| * Brain, Brain Stem        | * Brain, Cerebellum                 | * Brain, Cerebrum           | * Epididymis                        |
| * Esophagus                | * Eye                               | * Gallbladder               | * Harderian Gland                   |
| * Heart                    | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon |
| * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            |
| * Intestine Small, Jejunum | * Islets, Pancreatic                | * Lung                      | * Lymph Node, Mandibular            |
| * Lymph Node, Mesenteric   | * Nose                              | * Pancreas                  | * Parathyroid Gland                 |
| * Pituitary Gland          | * Prostate                          | * Seminal Vesicle           | * Skin                              |
| * Stomach, Forestomach     | * Stomach, Glandular                | * Testes                    | * Thyroid Gland                     |
| * Trachea                  | * Urinary Bladder                   |                             |                                     |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                             |                                  |                                  |                     |
|-----------------------------|----------------------------------|----------------------------------|---------------------|
| * Adrenal Cortex            | Subcapsular                      | Hyperplasia                      | Minimal             |
| * Kidney                    |                                  | Nephropathy                      | Mild                |
| * Liver                     |                                  | Basophilic Focus                 |                     |
|                             | [ Basophilic Focus TGLs = 1-3A ] |                                  |                     |
| * Mammary Gland             |                                  |                                  |                     |
| Note: No RC per pathologist |                                  |                                  |                     |
| * Preputial Gland           |                                  | Degeneration                     | Mild                |
| * Salivary Glands           |                                  | Infiltration Cellular            | Lymphocyte, Minimal |
| * Spleen                    |                                  | Hematopoietic Cell Proliferation | Moderate            |
| * Thymus                    |                                  | Atrophy                          | Marked              |

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 842

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900842

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLs = 4-3A ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLs = 6-4A ]		Infiltration Cellular	Histiocyte, Marked
* Lym Node Mand			
Note: TGL 1 - NCL			
* Lymph Node, Mesenteric	Sinus	Dilatation	Moderate
		Hemorrhage	Moderate
		Hyperplasia	Lymphoid, Mild
[ Dilatation TGLs = 3-11 ]			
[ Hemorrhage TGLs = 3-11 ]			
[ Hyperplasia TGLs = 3-11 ]			
* Mammary GI			
Note: No RC per pathologist			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 842

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900842

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Parathyroid GI

Note: No RC per pathologist

\* Preputial Gland

Degeneration

Mild

\* Salivary Glands

Infiltration Cellular

Lymphocyte, Mild

\* Spleen

Lymphoma Malignant

[ Lymphoma Malignant TGLs = 2-9 ]

\* Thymus

Lymphoma Malignant

[ Lymphoma Malignant TGLs = 5-10 ]

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 843

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900843

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: TGL 2 - NCL			
[ Hepatocellular Adenoma TGLs = 1,3-3A+3C ]			
[ Hepatocellular Carcinoma TGLs = 3-3C ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Lymph Node, Mesenteric		Angiectasis	Mild
		Hyperplasia	Lymphoid, Mild
* Mammary GI			
Note: No RC per pathologist			
* Preputial Gland		Degeneration	Mild
* Prostate		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 843

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900843

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thymus

Note: RC attempted

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 844

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900844

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                                     |                             |                                     |
|----------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| * Adrenal Medulla          | * Blood Vessel                      | * Bone Marrow               | * Bone, Femur                       |
| * Brain, Brain Stem        | * Brain, Cerebellum                 | * Brain, Cerebrum           | * Epididymis                        |
| * Esophagus                | * Eye                               | * Gallbladder               | * Harderian Gland                   |
| * Heart                    | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon |
| * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            |
| * Intestine Small, Jejunum | * Islets, Pancreatic                | * Lung                      | * Lymph Node, Mandibular            |
| * Nose                     | * Pancreas                          | * Parathyroid Gland         | * Pituitary Gland                   |
| * Stomach, Forestomach     | * Stomach, Glandular                | * Testes                    | * Thyroid Gland                     |
| * Trachea                  | * Urinary Bladder                   |                             |                                     |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |                             |             |                           |                     |
|-----------------------------|-------------|---------------------------|---------------------|
| * Adrenal Cortex            | Subcapsular | Hyperplasia               | Minimal             |
| Coagulating Gland           | Lumen       | Dilatation                | Marked              |
| [ Dilatation TGLs = 3-7A ]  |             |                           |                     |
| * Kidney                    |             | Metaplasia                | Osseous, Minimal    |
|                             |             | Nephropathy               | Mild                |
| * Liver                     |             | Vacuolization Cytoplasmic | Minimal             |
| * Lymph Node, Mesenteric    |             | Hemorrhage                | Mild                |
|                             |             | Hyperplasia               | Lymphoid, Moderate  |
| [ Hemorrhage TGLs = 4-11 ]  |             |                           |                     |
| [ Hyperplasia TGLs = 4-11 ] |             |                           |                     |
| * Mammary Gland             |             |                           |                     |
| Note: No RC per pathologist |             |                           |                     |
| * Preputial Gland           |             | Degeneration              | Marked              |
| * Prostate                  |             | Infiltration Cellular     | Lymphocyte, Minimal |
| * Salivary Glands           |             | Infiltration Cellular     | Lymphocyte, Mild    |
| * Seminal Vesicle           | Lumen       | Dilatation                | Marked              |
| [ Dilatation TGLs = 2-7A ]  |             |                           |                     |
| * Skin                      |             | Hemangioma                |                     |

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 844

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900844

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Hemangioma TGLs = 1-2A ]

\* Spleen

Hyperplasia

Lymphoid, Moderate

\* Thymus

Atrophy

Marked

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 861

TRT#: 8

SEX: Male

DAY ON TEST: 721

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900861

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Thymus
-----------------	----------

**OBSERVATIONS**

* Adrenal Cortex [ Hyperplasia TGLs = 1-9 ]	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Liver [ Basophilic Focus TGLs = 3-3A ]		Basophilic Focus	
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary GI Note: No RC per pathologist		Hyperplasia	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin [ Squamous Cell Papilloma TGLs = 2-2A ]		Squamous Cell Papilloma	
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thymus Note: RC attempted			
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 862

TRT#: 8

SEX: Male

DAY ON TEST: 611

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Esophagus	* Mammary Gland
-------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Esophagus			
Note: No RC per pathologist			
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLs = 1-3A ]			
* Mammary GI			
Note: No RC per pathologist			
* Nose		Hyaline Droplet	Moderate
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Fibrosarcoma	
[ Fibrosarcoma TGLs = 2-2A ]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 863

TRT#: 8

SEX: Male

DAY ON TEST: 701

DOSE: ALOEWHOLLEAF 3.0

DISP: Natural Death

HISTO: 021420900863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Esophagus	* Heart	* Lung
* Parathyroid Gland	* Pituitary Gland	* Skin	

MISSING

* Mammary Gland	* Thymus
-----------------	----------

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Bone Marrow	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla	Pheochromocytoma Benign
* Liver	Histiocytic Sarcoma
[ Histiocytic Sarcoma TGLs = 1-3 ]	
* Lym Node Mesen	
Note: TGL 2 - NCL	
* Mammary GI	
Note: RC attempted	
* Nose	Hyaline Droplet
* Thymus	Mild
Note: WT attempted	

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 864

TRT#: 8

SEX: Male

DAY ON TEST: 611

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Heart		Fibrosarcoma	Metastatic (Skin)
* Intestine Small, Jejunum		Hyperplasia	Lymphoid, Mild
	[ Hyperplasia TGLs = 2-11A ]		
* Lung		Fibrosarcoma	Metastatic (Skin)
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Mammary GI			
	Note: No RC per pathologist		
* Nose		Hyaline Droplet	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Fibrosarcoma	
	[ Fibrosarcoma TGLs = 1-2A ]		
* Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 881

TRT#: 8

SEX: Male

DAY ON TEST: 651

DOSE: ALOEWHOLLEAF 3.0

DISP: Natural Death

HISTO: 021420900881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone, Femur	* Esophagus	* Heart
* Lung	* Nose	* Parathyroid Gland	

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Prostate	* Thymus
--------------------------	-----------------	------------	----------

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Pancreas	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Islets Panc			
Note: Located on slide 11			
* Lym Node Mesen			
Note: WT attempted			
* Mammary GI			
Note: RC attempted			
* Prostate			
Note: WT attempted			
* Skin		Hemorrhage	Marked
[ Hemorrhage TGLs = 1-2A ]			
* Thymus			
Note: WT attempted			

PRIMARY CAUSE OF DEATH - UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 882

TRT#: 8

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900882

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Intestine Small, Jejunum		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 1-11A ]		
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Mild
		Tension Lipidosis	Minimal
[ Hepatocellular Carcinoma	TGLs = 2-3A ]		
Lymph Node	Pancreatic	Erythrophagocytosis	Moderate
	Lumbar	Erythrophagocytosis	Marked
	Renal	Erythrophagocytosis	Marked
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
[ Erythrophagocytosis	TGLs = 4-16 ]		
[ Erythrophagocytosis	TGLs = 6-16A ]		
[ Erythrophagocytosis	TGLs = 7-16B ]		
[ Lymphoma Malignant	TGLs = 4-16 ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 882

TRT#: 8

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900882

ORGAN AND ACCOUNTABLE SITE STATUS

[ Lymphoma Malignant TGLs = 7-16B ]			
[ Lymphoma Malignant TGLs = 6-16A ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 5-11 ]			
* Mammary GI			
Note: No RC per pathologist			
* Preputial Gland		Degeneration	Moderate
* Skin	Epithelium	Hyperplasia	Mild
[ Hyperplasia TGLs = 8-2A ]			
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 3-9 ]			
* Thymus		Atrophy	Marked



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 883

TRT#: 8

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Harderian Gland		Adenoma	
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLs = 2-3 ]		
	[ Hepatocellular Carcinoma TGLs = 1-3A ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary GI			
Note: RC attempted			
* Preputial Gland		Degeneration	Marked
* Prostate		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Squamous Cell Papilloma	
	[ Squamous Cell Papilloma TGLs = 3-2A ]		
* Spleen		Hematopoietic Cell Proliferation	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 883

**TRT#:** 8

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900883

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thymus

Hyperplasia  
Atrophy

Lymphoid, Mild  
Mild

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 884

TRT#: 8

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900884

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLs = 2,3,4-3A+3+3B ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary GI			
	Note: No RC per pathologist		
Mesentery	Fat	Necrosis	Mild
	[ Necrosis TGLs = 1-16 ]		
* Preputial Gland		Degeneration	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Marked

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 891

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLs = 1-3A ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary GI			
Note: No RC per pathologist			
* Nose		Hyaline Droplet	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Minimal

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 892

TRT#: 6

SEX: Male

DAY ON TEST: 688

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900892

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland	* Salivary Glands
--------------------------	-----------------	-------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLs = 3-3A ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lym Node Mand			
Note: WT attempted			
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
	[ Hemorrhage TGLs = 4-11 ]		
	[ Hyperplasia TGLs = 4-11 ]		
* Mammary Gland			
Note: RC attempted			
* Preputial Gland		Degeneration	Marked
	[ Degeneration TGLs = 2-7 ]		
* Saliv Glands			
Note: WT attempted			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

---

ANIMAL ID: 892

TRT#: 6

SEX: Male

DAY ON TEST: 688

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900892

---

ORGAN AND ACCOUNTABLE SITE STATUS

---

* Skin		Hemangiosarcoma	
	[ Hemangiosarcoma TGLs = 1-2A ]		
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Marked

---

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

---

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 893

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

\* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Lung		
Note: TGL 1 - NCL		
* Lymph Node, Mesenteric	Hemorrhage	Mild
* Mammary GI		
Note: No RC per pathologist		
* Nose	Hyaline Droplet	Mild
* Preputial Gland	Degeneration	Mild
* Prostate	Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands	Infiltration Cellular	Lymphocyte, Mild
* Spleen	Hyperplasia	Lymphoid, Moderate
* Thymus	Atrophy	Mild

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 894

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
* Brain, Cerebrum		Mineralization	Minimal
* Epididymis		Hypospermia	Mild
		Spermatocele	Mild
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLs = 2-3A ]		
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
* Mammary GI			
	Note: No RC per pathologist		
Mesentery	Fat	Necrosis	Marked
	[ Necrosis TGLs = 1-16 ]		
* Nose		Hyaline Droplet	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 894

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900894

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Testes

Seminif Tub

Degeneration

Moderate

\* Thymus

Atrophy

Marked

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 901

TRT#: 6

SEX: Male

DAY ON TEST: 735

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary GI			
Note: No RC per pathologist			
Mesentery	Fat	Necrosis	Marked
	[ Necrosis TGLs = 4-16 ]		
* Nose		Hyaline Droplet	Mild
* Preputial Gland	Duct	Ectasia	Moderate
	[ Ectasia TGLs = 3-7 ]	Inflammation	Suppurative, Mild
	[ Inflammation TGLs = 3-7 ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Fibrosarcoma	
	[ Fibrosarcoma TGLs = 2-2B ]	Schwannoma Malignant	
	[ Schwannoma Malignant TGLs = 1-2A ]		
* Spleen		Hyperplasia	Lymphoid, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 901

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900901

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Testes

Interstit Cell

Hyperplasia

Mild

\* Thymus

Atrophy

Moderate

---

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 902

TRT#: 6

SEX: Male

DAY ON TEST: 631

DOSE: ALOEWHOLLEAF 1.0

DISP: Natural Death

HISTO: 021420900902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum
* Brain, Cerebrum	* Esophagus	* Heart	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland	* Thymus
---------------	-----------------	----------

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Eye
* Harderian Gland	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Preputial Gland	* Prostate
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Gallbladder		
Note: No RC per pathologist		
* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLs = 1,2-3+3A ]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLs = 3-11 ]		
* Mammary GI		
Note: RC attempted		
* Nose	Hyaline Droplet	Mild
* Spleen	Hematopoietic Cell Proliferation	Marked
* Thymus		
Note: RC/WT attempted		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 903

TRT#: 6

SEX: Male

DAY ON TEST: 701

DOSE: ALOEWHOLLEAF 1.0

DISP: Natural Death

HISTO: 021420900903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum
* Brain, Cerebrum	* Esophagus	* Heart	* Islets, Pancreatic
* Lung	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

MISSING

\* Mammary Gland

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Epididymis
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Preputial Gland
* Prostate	* Seminal Vesicle	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Urinary Bladder	

OBSERVATIONS

\* Lym Node Mesen

Note: TGL 3 - NCL

\* Mammary GI

Note: No RC per pathologist

Mesentery

Fat

Necrosis

Moderate

[ Necrosis TGLs = 1-16 ]

\* Nose

Hyaline Droplet

Mild

\* Spleen

Note: TGL 2 - NCL

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 904

TRT#: 6

SEX: Male

DAY ON TEST: 735

DOSE: ALOEWHOLLEAF 1.0

DISP: Natural Death

HISTO: 021420900904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                     |               |             |         |
|---------------------|---------------|-------------|---------|
| * Blood Vessel      | * Bone, Femur | * Esophagus | * Heart |
| * Parathyroid Gland | * Trachea     |             |         |

MISSING

- \* Mammary Gland

AUTO PRECLUDES DIAG.

- |                                     |                            |                                     |                             |
|-------------------------------------|----------------------------|-------------------------------------|-----------------------------|
| * Adrenal Cortex                    | * Adrenal Medulla          | * Bone Marrow                       | * Brain, Brain Stem         |
| * Brain, Cerebellum                 | * Brain, Cerebrum          | * Epididymis                        | * Eye                       |
| * Gallbladder                       | * Harderian Gland          | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    |
| * Intestine Large, Descending Colon | * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum |
| * Intestine Small, Ileum            | * Intestine Small, Jejunum | * Islets, Pancreatic                | * Lymph Node, Mandibular    |
| * Lymph Node, Mesenteric            | * Pancreas                 | * Pituitary Gland                   | * Preputial Gland           |
| * Prostate                          | * Salivary Glands          | * Seminal Vesicle                   | * Spleen                    |
| * Stomach, Forestomach              | * Stomach, Glandular       | * Testes                            | * Thymus                    |
| * Thyroid Gland                     | * Urinary Bladder          |                                     |                             |

OBSERVATIONS

- |                |   |                          |                    |
|----------------|---|--------------------------|--------------------|
| * Kidney       |   | Hepatocellular Carcinoma | Metastatic (Liver) |
| * Liver        | [ Hepatocellular Carcinoma TGLs = 2,3-3A+3 ]                | Hepatocellular Carcinoma |                    |
| * Lung         | [ Hepatocellular Carcinoma TGLs = 4,5,6,7,8-4+4A+4B+4C+4D ] | Hepatocellular Carcinoma | Metastatic (Liver) |
| * Mammary GI   | Note: No RC per pathologist                                 |                          |                    |
| * Nose         |   | Hyaline Droplet          | Mild               |
| * Skin         | Epithelium  | Hyperplasia              | Minimal            |
|                | [ Hyperplasia TGLs = 9-2A ]                                 |                          |                    |
| * Urin Bladder | Note: TGL 1 - NCL   |                          |                    |

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 921

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Liver			
Note: TGL 2 - NCL			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
[ Hemorrhage TGLs = 1-11 ]			
[ Hyperplasia TGLs = 1-11 ]			
* Mammary GI			
Note: No RC per pathologist			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 922

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900922

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
	[ Hepatocellular Carcinoma TGLs = 1-3A ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary GI			
Note: No RC per pathologist			
* Nose		Hyaline Droplet	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 923

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900923

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	[ Basophilic Focus TGLs = 1-3 ]		
* Lymph Node, Mesenteric	Sinus	Dilatation	Mild
		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Moderate
	[ Dilatation TGLs = 2-11 ]		
	[ Hemorrhage TGLs = 2-11 ]		
	[ Hyperplasia TGLs = 2-11 ]		
* Mammary GI			
	Note: No RC per pathologist		
* Preputial Gland		Degeneration	Mild
		Inflammation	Chronic Active, Mild
* Prostate		Infiltration Cellular	Lymphocyte, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 923

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900923

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Salivary Glands

Infiltration Cellular

Lymphocyte, Minimal

\* Spleen

Hyperplasia

Lymphoid, Moderate

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 924

TRT#: 6

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Small, Ileum		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 3-12A ]		
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Tension Lipidosis	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary GI			
	Note: No RC per pathologist		
* Nose		Hyaline Droplet	Minimal
* Preputial Gland		Degeneration	Mild
* Prostate		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Lumen	Dilatation	Mild
	[ Dilatation TGLs = 1-7A ]		
* Spleen		Hyperplasia	Lymphoid, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 924

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900924

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Hyperplasia TGLs = 2-9 ]

\* Stomach, Glandular

Epithelium

Hyperplasia

Mild

\* Thymus

Atrophy

Mild

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 951

TRT#: 7

SEX: Male

DAY ON TEST: 519

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900951

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Lung		Fibrosarcoma	Metastatic (Skin)
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Mammary GI			
Note: RC attempted			
* Parathyroid GI			
Note: RC attempted			
* Preputial Gland		Cyst	Minimal
[ Cyst TGLs = 2-7B ]			
* Skin		Fibrosarcoma	
[ Fibrosarcoma TGLs = 1-2A ]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 952

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 749

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900952

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Blood Vessel	* Bone Marrow	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Epididymis		Hemangioma	
[ Hemangioma TGLs = 2-7A ]			
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
		Vacuolization Cytoplasmic	Mild
[ Hepatocellular Carcinoma TGLs = 3-3A ]			
[ Vacuolization Cytoplasmic TGLs = 4-3B ]			
* Mammary GI			
Note: No RC per pathologist			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial GI			
Note: TGL 1 - NCL			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 952

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 749

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900952

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thymus

Atrophy

Moderate

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 953

TRT#: 7

SEX: Male

DAY ON TEST: 441

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900953

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone, Femur            |
| * Brain, Brain Stem        | * Brain, Cerebellum       | * Brain, Cerebrum           | * Esophagus              |
| * Eye                      | * Gallbladder             | * Harderian Gland           | * Heart                  |
| * Intestine Large, Cecum   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Liver                     | * Lung                   |
| * Lymph Node, Mandibular   | * Pancreas                | * Parathyroid Gland         | * Pituitary Gland        |
| * Prostate                 | * Salivary Glands         | * Seminal Vesicle           | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          |                           |                             |                          |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                                      |             |                       |                  |
|--------------------------------------|-------------|-----------------------|------------------|
| * Bone Marrow                        |             | Hyperplasia           | Moderate         |
| * Epididymis                         |             | Hypospermia           | Mild             |
| * Intestine Large, Ascending Colon   | Goblet Cell | Hyperplasia           | Minimal          |
| * Intestine Large, Descending Colon  | Goblet Cell | Hyperplasia           | Mild             |
| * Intestine Large, Transverse Colon  | Goblet Cell | Hyperplasia           | Minimal          |
| * Kidney                             |             | Infiltration Cellular | Lymphocyte, Mild |
| * Lymph Node, Mesenteric             |             | Infiltration Cellular | Histiocyte, Mild |
| * Mammary GI                         |             |                       |                  |
| Note: RC attempted                   |             |                       |                  |
| * Nose                               |             | Hyaline Droplet       | Mild             |
| * Preputial Gland                    |             | Cyst                  | Mild             |
| * Skin                               |             | Schwannoma Malignant  |                  |
| [ Schwannoma Malignant TGLs = 1-2A ] |             |                       |                  |
| * Spleen                             |             | Hyperplasia           | Lymphoid, Mild   |
| * Testes                             | Seminif Tub | Degeneration          | Marked           |

PRIMARY CAUSE OF DEATH - Skin Schwannoma Malignant

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 954

TRT#: 7

SEX: Male

DAY ON TEST: 689

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Small, Ileum		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 5-12A ]		
* Kidney			
Note: TGL 7 - NCL			
Lymph Node	Pancreatic	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 2-16 ]		
[ Lymphoma Malignant	TGLs = 4-16A ]		
[ Lymphoma Malignant	TGLs = 9-16C ]		
[ Lymphoma Malignant	TGLs = 8-16B ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 1-10+10A ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 954

TRT#: 7

SEX: Male

DAY ON TEST: 689

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900954

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric [ Lymphoma Malignant TGLs = 6-11 ]	Lymphoma Malignant	
* Mammary GI Note: RC attempted		
* Pancreas	Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLs = 3-9 ]	Lymphoma Malignant	
* Thymus	Atrophy	Marked
* Thyroid Gland	Follicle Degeneration	Minimal

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 961

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900961

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                                     |                           |                             |                          |
|-------------------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla                   | * Blood Vessel            | * Bone, Femur               | * Brain, Brain Stem      |
| * Brain, Cerebellum                 | * Epididymis              | * Esophagus                 | * Eye                    |
| * Gallbladder                       | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Descending Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum          | * Islets, Pancreatic      | * Lung                      | * Parathyroid Gland      |
| * Preputial Gland                   | * Seminal Vesicle         | * Skin                      | * Stomach, Forestomach   |
| * Stomach, Glandular                | * Testes                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder                   |                           |                             |                          |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                                     |               |                       |                     |
|-------------------------------------|---------------|-----------------------|---------------------|
| * Adrenal Cortex                    | Subcapsular   | Hyperplasia           | Marked              |
| * Bone Marrow                       |               | Hyperplasia           | Mild                |
| * Brain, Cerebrum                   |               | Mineralization        | Minimal             |
| * Intestine Large, Ascending Colon  | Goblet Cell   | Hyperplasia           | Minimal             |
| * Intestine Large, Transverse Colon | Goblet Cell   | Hyperplasia           | Minimal             |
| * Kidney                            |               | Nephropathy           | Minimal             |
| * Liver                             |               | Infiltration Cellular | Lymphocyte, Minimal |
| * Lymph Node, Mandibular            |               | Hyperplasia           | Lymphoid, Minimal   |
| * Lymph Node, Mesenteric            |               | Hyperplasia           | Lymphoid, Moderate  |
| * Mammary GI                        |               |                       |                     |
| Note: No RC per pathologist         |               |                       |                     |
| * Nose                              |               | Hyaline Droplet       | Moderate            |
| * Pancreas                          |               | Infiltration Cellular | Lymphocyte, Minimal |
| * Pituitary Gland                   | Pars Distalis | Cyst                  | Moderate            |
| [ Cyst TGLs = 1-9A ]                |               |                       |                     |
| * Prostate                          |               | Infiltration Cellular | Lymphocyte, Minimal |
| * Salivary Glands                   |               | Infiltration Cellular | Lymphocyte, Minimal |
| * Spleen                            |               | Hyperplasia           | Lymphoid, Mild      |
| * Thymus                            |               | Atrophy               | Moderate            |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 962

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900962

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Cyst	Minimal
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLs = 4-3A ]		
* Lymph Node, Mesenteric		Hemangiosarcoma	
	[ Hemangiosarcoma TGLs = 5-11 ]		
* Mammary GI			
	Note: No RC per pathologist		
* Nose		Hyaline Droplet	Mild
* Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Suppurative, Marked
	[ Ectasia TGLs = 2-7 ]		
	[ Inflammation TGLs = 2-7 ]		
* Skin		Inflammation	Suppurative, Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 962

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900962

ORGAN AND ACCOUNTABLE SITE STATUS

Mineralization

Moderate

[ Inflammation TGLs = 1-2A ]

[ Mineralization TGLs = 1-2A ]

\* Spleen

Hematopoietic Cell Proliferation

Marked

Hyperplasia

Lymphoid, Mild

[ Hyperplasia TGLs = 3-9 ]

\* Testes

Seminif Tub

Degeneration

Mild

\* Thymus

Note: No RC per pathologist

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 963

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900963

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                                     |                             |                                     |                            |
|-------------------------------------|-----------------------------|-------------------------------------|----------------------------|
| * Adrenal Cortex                    | * Adrenal Medulla           | * Blood Vessel                      | * Bone Marrow              |
| * Bone, Femur                       | * Brain, Brain Stem         | * Brain, Cerebellum                 | * Epididymis               |
| * Esophagus                         | * Eye                       | * Gallbladder                       | * Heart                    |
| * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Islets, Pancreatic                | * Lung                      | * Lymph Node, Mandibular            | * Parathyroid Gland        |
| * Pituitary Gland                   | * Prostate                  | * Seminal Vesicle                   | * Skin                     |
| * Stomach, Forestomach              | * Stomach, Glandular        | * Testes                            | * Thymus                   |
| * Thyroid Gland                     | * Trachea                   | * Urinary Bladder                   |                            |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |                          |  |                           |                     |
|--------------------------|--|---------------------------|---------------------|
| * Brain, Cerebrum        |  | Mineralization            | Minimal             |
| * Harderian Gland        | Epithelium                             | Hyperplasia               | Mild                |
| * Kidney                 |  | Nephropathy               | Minimal             |
| * Liver                  |  | Hepatocellular Adenoma    |                     |
|                          | [ Hepatocellular Adenoma TGLs = 1-3A ] |                           |                     |
| * Lymph Node, Mesenteric |  | Hyperplasia               | Lymphoid, Mild      |
| * Mammary GI             |  |                           |                     |
|                          | Note: No RC per pathologist            |                           |                     |
| * Nose                   |  | Hyaline Droplet           | Mild                |
| * Pancreas               |  | Vacuolization Cytoplasmic | Mild                |
| * Preputial Gland        |  | Degeneration              | Mild                |
|                          |  | Infiltration Cellular     | Lymphocyte, Mild    |
| * Salivary Glands        |  | Infiltration Cellular     | Lymphocyte, Minimal |
| * Spleen                 |  | Hyperplasia               | Lymphoid, Minimal   |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 964

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900964

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                                     |                             |                                     |                            |
|-------------------------------------|-----------------------------|-------------------------------------|----------------------------|
| * Blood Vessel                      | * Bone Marrow               | * Bone, Femur                       | * Brain, Brain Stem        |
| * Brain, Cerebellum                 | * Brain, Cerebrum           | * Epididymis                        | * Esophagus                |
| * Eye                               | * Gallbladder               | * Harderian Gland                   | * Heart                    |
| * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Islets, Pancreatic                | * Lung                      | * Lymph Node, Mandibular            | * Pancreas                 |
| * Parathyroid Gland                 | * Pituitary Gland           | * Prostate                          | * Seminal Vesicle          |
| * Skin                              | * Stomach, Forestomach      | * Stomach, Glandular                | * Testes                   |
| * Thymus                            | * Thyroid Gland             | * Trachea                           | * Urinary Bladder          |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                          |                                      |                         |                         |
|--------------------------|--------------------------------------|-------------------------|-------------------------|
| * Adrenal Cortex         | Subcapsular                          | Adenoma                 |                         |
| * Adrenal Medulla        |                                      | Pheochromocytoma Benign |                         |
| * Kidney                 |                                      | Fibrosis                | Moderate                |
|                          |                                      | Infiltration Cellular   | Lymphocyte, Mild        |
|                          | [ Fibrosis TGLs = 3-8 ]              |                         |                         |
|                          | [ Infiltration Cellular TGLs = 3-8 ] |                         |                         |
| * Liver                  |                                      | Basophilic Focus        |                         |
|                          |                                      | Inflammation            | Chronic Active, Minimal |
|                          |                                      | Tension Lipidosis       | Mild                    |
|                          | [ Basophilic Focus TGLs = 2-3A ]     |                         |                         |
| * Lymph Node, Mesenteric |                                      | Hemorrhage              | Mild                    |
|                          |                                      | Hyperplasia             | Lymphoid, Mild          |
|                          | [ Hemorrhage TGLs = 1-11 ]           |                         |                         |
|                          | [ Hyperplasia TGLs = 1-11 ]          |                         |                         |
| * Mammary Gland          |                                      |                         |                         |
|                          | Note: No RC per pathologist          |                         |                         |
| * Nose                   |                                      | Hyaline Droplet         | Moderate                |
| * Preputial Gland        |                                      | Inflammation            | Suppurative, Marked     |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 964

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900964

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Salivary Glands

Infiltration Cellular

Lymphocyte, Minimal

\* Spleen

Hyperplasia

Lymphoid, Mild

---



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 11

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Pigmentation	Mild
* Clitoral Gland		Degeneration	Marked
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Moderate
		Cyst	Moderate
[ Cyst TGLs = 2-7A ]			
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gland			
Note: TGL 4 - NCL			
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 3-9 ]			
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 11

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900011

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Uterus

[ Hyperplasia TGLs = 1-7 ]

Endometrium

Hyperplasia

Cystic, Moderate

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016

Time Report Requested: 15:28:26

First Dose M/F: 04/27/05 / 04/27/05

Lab: NCTR

ANIMAL ID: 12

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900012

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLs = 3-3A ]		
* Lung		Infiltration Cellular	Lymphocyte, Minimal
	[ Infiltration Cellular TGLs = 4-4 ]		
* Nose		Hyaline Droplet	Mild
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hyperplasia	Lymphoid, Moderate
	[ Hyperplasia TGLs = 1-9 ]		
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLs = 2-7 ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 13

TRT#: 4

SEX: Female

DAY ON TEST: 593

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900013

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Clitoral Gland	* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland
------------------	--------------------------	---------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral GI			
Note: WT attempted			
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Int Sm Duoden			
Note: TGL 2 - NCL			
* Kidney		Amyloid Deposition	Marked
		Nephropathy	Marked
* Lym Node Mesen			
Note: WT attempted			
* Nose		Hyaline Droplet	Mild
* Ovary			
Note: WT attempted			
* Parathyroid GI			
Note: RC attempted			
* Spleen		Depletion Lymphoid	Moderate

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 13

TRT#: 4

SEX: Female

DAY ON TEST: 593

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900013

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Pigmentation	Moderate
* Uterus	Endometrium	Atrophy	Marked
		Hyperplasia	Cystic, Moderate
[ Hyperplasia	TGLs = 1-7 ]		

PRIMARY CAUSE OF DEATH - Kidney Amyloid Deposition

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 14

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900014

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Skin	* Trachea	

**MISSING**

\* Gallbladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Gallbladder			
Note: No RC per pathologist			
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLs = 3-3A ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Nose		Hyaline Droplet	Mild
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLs = 2-9 ]			
[ Hyperplasia TGLs = 2-9 ]			
* Stomach, Forestomach		Squamous Cell Papilloma	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 14

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900014

ORGAN AND ACCOUNTABLE SITE STATUS

[ Squamous Cell Papilloma	TGLs = 4-12A ]		
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
* Thymus		Hyperplasia	Lymphoid, Minimal
* Thyroid Gland		Inflammation	Suppurative, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia	TGLs = 1-7 ]		

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 21

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900021

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLs = 3-16 ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary		Atrophy	Marked
		Cyst	Mild
[ Cyst TGLs = 1-7A ]			
* Pancreas		Cyst	Mild
		Infiltration Cellular	Lymphocyte, Mild
* Parathyroid GI			
Note: No RC per pathologist			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Marked
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Minimal

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 21

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900021

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Urinary Bladder

\* Uterus

[ Hyperplasia TGLs = 2-7 ]

Endometrium

Infiltration Cellular

Hyperplasia

Lymphocyte, Mild

Cystic, Marked

---

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 22

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900022

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Basophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
Lymph Node	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Axillary	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 10-16D ]		
[ Lymphoma Malignant	TGLs = 9-16C ]		
[ Lymphoma Malignant	TGLs = 3-16 ]		
[ Lymphoma Malignant	TGLs = 5-16B ]		
[ Lymphoma Malignant	TGLs = 4-16A ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 6-10+10A ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 22

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900022

ORGAN AND ACCOUNTABLE SITE STATUS

[ Lymphoma Malignant TGLs = 8-11 ]		
* Ovary	Atrophy	Marked
* Pancreas	Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands	Lymphoma Malignant	
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 2-9 ]		
* Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 7-10 ]		
* Thyroid Gland	Infiltration Cellular	Lymphocyte, Minimal
* Urinary Bladder	Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Cystic, Moderate
[ Hyperplasia TGLs = 1-7 ]		

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

**ANIMAL ID:** 23

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900023

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                                     |                             |                                     |                            |
|-------------------------------------|-----------------------------|-------------------------------------|----------------------------|
| * Adrenal Medulla                   | * Blood Vessel              | * Bone Marrow                       | * Bone, Femur              |
| * Brain, Brain Stem                 | * Brain, Cerebellum         | * Brain, Cerebrum                   | * Esophagus                |
| * Eye                               | * Gallbladder               | * Harderian Gland                   | * Heart                    |
| * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Islets, Pancreatic                | * Liver                     | * Lung                              | * Lymph Node, Mandibular   |
| * Lymph Node, Mesenteric            | * Mammary Gland             | * Nose                              | * Pancreas                 |
| * Parathyroid Gland                 | * Pituitary Gland           | * Skin                              | * Stomach, Forestomach     |
| * Thyroid Gland                     | * Trachea                   | * Urinary Bladder                   |                            |

**OBSERVATIONS**

- |                      |             |                       |                     |
|----------------------|-------------|-----------------------|---------------------|
| * Adrenal Cortex     | Subcapsular | Hyperplasia           | Mild                |
| * Clitoral Gland     |             | Degeneration          | Marked              |
| * Kidney             |             | Infiltration Cellular | Lymphocyte, Mild    |
|                      |             | Metaplasia            | Osseous, Minimal    |
| * Ovary              |             | Atrophy               | Marked              |
|                      |             | Cyst                  | Mild                |
| * Salivary Glands    |             | Infiltration Cellular | Lymphocyte, Minimal |
| * Spleen             |             | Hyperplasia           | Lymphoid, Mild      |
| * Stomach, Glandular | Epithelium  | Hyperplasia           | Minimal             |
| * Thymus             |             | Hyperplasia           | Lymphoid, Minimal   |
| * Uterus             | Endometrium | Hyperplasia           | Cystic, Moderate    |

[ Hyperplasia TGLs = 1-7 ]

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 24

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Cyst	Multiple, Marked
		Eosinophilic Focus	
	[ Cyst TGLs = 2,3,4-3+3A+3B ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Nose		Hyaline Droplet	Mild
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLs = 1-7 ]		

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 51

TRT#: 1

SEX: Female

DAY ON TEST: 708

DOSE: CONTROL WATER

DISP: Natural Death

HISTO: 021420900051

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Ascending Colon	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Transverse Colon	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Salivary Glands		

**OBSERVATIONS**

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Moderate
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Heart		Lymphoma Malignant	
* Intestine Small, Duodenum		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 8-12A ]		
* Kidney		Hyaline Droplet	Moderate
		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 5,6-3 ]		
* Lung		Lymphoma Malignant	
Lymph Node	Renal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 4-16 ]		
[ Lymphoma Malignant	TGLs = 9-16A ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 1-10 ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 7-11 ]		
* Mammary Gland		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 51

TRT#: 1

SEX: Female

DAY ON TEST: 708

DOSE: CONTROL WATER

DISP: Natural Death

HISTO: 021420900051

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 2-9 ]		
* Thymus		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 10-10B ]		
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLs = 3-7A ]	Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 52

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain, Brain Stem
* Brain, Cerebellum	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone, Femur		Fibro-Osseous Lesion	Mild
* Brain, Cerebrum		Mineralization	Mild
* Clitoral Gland		Degeneration	Marked
Note: TGL 2 - NCL			
* Eye		Cataract	Minimal
	Cornea	Inflammation	Chronic Active, Mild
	Cornea	Ulcer	Marked
[ Cataract TGLs = 7-13 ]			
[ Inflammation TGLs = 7-13 ]			
[ Ulcer TGLs = 7-13 ]			
* Harderian Gland		Carcinoma	
[ Carcinoma TGLs = 8-13 ]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Lung		Hemorrhage	Marked
* Lymph Node, Mandibular		Sarcoma	Metastatic (Skin)
[ Sarcoma TGLs = 1-10+10A ]			
* Nose		Inflammation	Chronic Active, Mild
* Ovary		Atrophy	Marked
		Cyst	Multiple, Marked
[ Cyst TGLs = 3-7 ]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 52

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900052

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin		Sarcoma	
	[ Sarcoma TGLs = 6-2A ]		
* Spleen		Hyperplasia	Lymphoid, Marked
	[ Hyperplasia TGLs = 5-9 ]		
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLs = 4-7 ]		

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

**ANIMAL ID:** 53

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900053

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                             |                                     |                            |                                     |
|-----------------------------|-------------------------------------|----------------------------|-------------------------------------|
| * Adrenal Medulla           | * Blood Vessel                      | * Bone Marrow              | * Bone, Femur                       |
| * Brain, Brain Stem         | * Brain, Cerebellum                 | * Esophagus                | * Eye                               |
| * Gallbladder               | * Harderian Gland                   | * Heart                    | * Intestine Large, Ascending Colon  |
| * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  | * Intestine Large, Transverse Colon |
| * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum | * Islets, Pancreatic                |
| * Kidney                    | * Lung                              | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric            |
| * Mammary Gland             | * Pancreas                          | * Parathyroid Gland        | * Pituitary Gland                   |
| * Skin                      | * Stomach, Forestomach              | * Stomach, Glandular       | * Trachea                           |
| * Urinary Bladder           |                                     |                            |                                     |

**OBSERVATIONS**

- |                   |             |                           |                      |
|-------------------|-------------|---------------------------|----------------------|
| * Adrenal Cortex  | Subcapsular | Hyperplasia               | Mild                 |
| * Brain, Cerebrum |             | Mineralization            | Mild                 |
| * Clitoral Gland  |             | Degeneration              | Moderate             |
| * Liver           |             | Inflammation              | Chronic Active, Mild |
|                   |             | Tension Lipidosis         | Mild                 |
|                   |             | Vacuolization Cytoplasmic | Moderate             |
| * Nose            |             | Hyaline Droplet           | Mild                 |
| * Ovary           |             | Atrophy                   | Marked               |
| * Salivary Glands |             | Infiltration Cellular     | Lymphocyte, Minimal  |
| * Spleen          |             | Hyperplasia               | Lymphoid, Moderate   |
| * Thymus          |             | Atrophy                   | Mild                 |
| * Thyroid Gland   | Follicle    | Degeneration              | Mild                 |
| * Uterus          | Endometrium | Hyperplasia               | Cystic, Moderate     |

[ Hyperplasia TGLs = 1-7 ]

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 54

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
* Mammary Gland	Alveolus	Hyperplasia	Mild
[ Hyperplasia TGLs = 1-2A ]			
* Ovary		Atrophy	Moderate
[ Cyst TGLs = 2-7A ]		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLs = 4-9A ]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLs = 3-7 ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 81

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                                    |                                     |                            |                                     |
|------------------------------------|-------------------------------------|----------------------------|-------------------------------------|
| * Adrenal Medulla                  | * Blood Vessel                      | * Bone Marrow              | * Bone, Femur                       |
| * Brain, Brain Stem                | * Brain, Cerebellum                 | * Brain, Cerebrum          | * Esophagus                         |
| * Eye                              | * Gallbladder                       | * Harderian Gland          | * Heart                             |
| * Intestine Large, Ascending Colon | * Intestine Large, Descending Colon | * Intestine Large, Rectum  | * Intestine Large, Transverse Colon |
| * Intestine Small, Duodenum        | * Intestine Small, Ileum            | * Intestine Small, Jejunum | * Islets, Pancreatic                |
| * Liver                            | * Lung                              | * Lymph Node, Mandibular   | * Mammary Gland                     |
| * Parathyroid Gland                | * Skin                              | * Stomach, Forestomach     | * Stomach, Glandular                |
| * Trachea                          |                                     |                            |                                     |

OBSERVATIONS

- |                                 |               |                       |                     |
|---------------------------------|---------------|-----------------------|---------------------|
| * Adrenal Cortex                | Subcapsular   | Hyperplasia           | Mild                |
| * Clitoral Gland                |               | Degeneration          | Marked              |
| * Intestine Large, Cecum        |               | Hyperplasia           | Lymphoid, Minimal   |
| [ Hyperplasia TGLs = 4-12A ]    |               |                       |                     |
| * Kidney                        |               | Infiltration Cellular | Lymphocyte, Minimal |
| * Lymph Node, Mesenteric        |               | Hyperplasia           | Lymphoid, Moderate  |
| * Nose                          |               | Hyaline Droplet       | Minimal             |
| * Ovary                         |               | Atrophy               | Moderate            |
| * Pancreas                      |               | Infiltration Cellular | Lymphocyte, Mild    |
| * Pituitary Gland               | Pars Distalis | Adenoma               |                     |
| [ Adenoma TGLs = 3-9A ]         |               |                       |                     |
| * Salivary Glands               |               | Infiltration Cellular | Lymphocyte, Minimal |
| * Spleen                        |               | Hyperplasia           | Lymphoid, Mild      |
| * Thymus                        |               | Atrophy               | Moderate            |
| * Thyroid Gland                 |               | Infiltration Cellular | Lymphocyte, Minimal |
| * Urinary Bladder               |               | Infiltration Cellular | Lymphocyte, Minimal |
| * Uterus                        |               | Hemangiosarcoma       |                     |
|                                 | Endometrium   | Hyperplasia           | Cystic, Moderate    |
| [ Hemangiosarcoma TGLs = 2-7B ] |               |                       |                     |
| [ Hyperplasia TGLs = 1-7A ]     |               |                       |                     |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 82

TRT#: 1

SEX: Female

DAY ON TEST: 666

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900082

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus	* Eye
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Parathyroid Gland
* Skin	* Thyroid Gland	* Trachea	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Lymphoma Malignant	
* Clitoral Gland		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Axillary	Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 1-16 ]		
[ Lymphoma Malignant	TGLs = 9-16C ]		
[ Lymphoma Malignant	TGLs = 5-16B ]		
[ Lymphoma Malignant	TGLs = 11-16E ]		
[ Lymphoma Malignant	TGLs = 14-16F ]		
[ Lymphoma Malignant	TGLs = 10-16D ]		
[ Lymphoma Malignant	TGLs = 2-16A ]		
* Lymph Node, Mandibular		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 82

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 666

**DOSE:** CONTROL WATER

**DISP:** Moribund Sacrifice

**HISTO:** 021420900082

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Lymphoma Malignant	TGLs = 3-10+10A ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 8-11 ]		
* Nose		Hyaline Droplet	Minimal
* Ovary		Cyst	Moderate
		Lymphoma Malignant	
[ Cyst	TGLs = 6-7A ]		
[ Lymphoma Malignant	TGLs = 7-7 ]		
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma	TGLs = 12-9A ]		
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 4-9 ]		
* Stomach, Forestomach		Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Lymphoma Malignant	
[ Hyperplasia	TGLs = 13-7+7B ]		
[ Lymphoma Malignant	TGLs = 13-7+7B ]		

**PRIMARY CAUSE OF DEATH** - Spleen Lymphoma Malignant

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 83

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900083

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
		Histiocytic Sarcoma	
	[ Hepatocellular Adenoma TGLs = 8-3C ]		
	[ Histiocytic Sarcoma TGLs = 5,6,7,9-3+3A+3B+3D ]		
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Ovary		Atrophy	Marked
		Cyst	Marked
	[ Cyst TGLs = 3-7 ]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLs = 10-9A ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate
	[ Hematopoietic Cell Proliferation TGLs = 4-9 ]		
	[ Hyperplasia TGLs = 4-9 ]		
* Thymus		Hyperplasia	Lymphoid, Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

---

ANIMAL ID: 83

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900083

---

ORGAN AND ACCOUNTABLE SITE STATUS

---

* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Lumen	Dilatation	Marked
		Histiocytic Sarcoma	

[ Dilatation TGLs = 1-7A ]  
[ Histiocytic Sarcoma TGLs = 2-7A ]

---



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 84

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Trachea

MISSING

\* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Moderate
* Harderian Gland		Adenoma	
* Kidney		Lymphoma Malignant	
* Liver		Infiltration Cellular	Lymphocyte, Mild
		Tension Lipidosis	Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
Lymph Node	Axillary	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 4-16A ]		
	[ Lymphoma Malignant TGLs = 5-16B ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Mild
	[ Necrosis TGLs = 2-16 ]		
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gland			

Note: RC/WT attempted

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 84

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900084

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 1-9 ]		
* Stomach, Glandular		Cyst	Mild
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Ectopic Thymus	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLs = 3-7 ]		

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 121

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Small, Duodenum		Adenoma	
[ Adenoma TGLs = 6-12 ]			
* Kidney	Pelvis	Dilatation	Marked
[ Dilatation TGLs = 4-8 ]			
* Liver		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
Note: TGL 1 - NCL			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	Fat	Necrosis	Moderate
[ Necrosis TGLs = 5-2A ]			
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 3-9 ]			
* Thyroid Gland	Follicle	Degeneration	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 121

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900121

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Hyperplasia TGLs = 2-7A ]

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 122

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
Mesentery		Infiltration Cellular	Lymphocyte, Moderate
	Fat	Necrosis	Marked
	[ Infiltration Cellular TGLs = 3-16 ]		
	[ Necrosis TGLs = 3-16 ]		
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
	[ Hyperplasia TGLs = 2-9 ]		
	[ Pigmentation TGLs = 2-9 ]		
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLs = 1-7 ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 123

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                                     |                           |                                    |
|--------------------------|-------------------------------------|---------------------------|------------------------------------|
| * Adrenal Medulla        | * Blood Vessel                      | * Bone Marrow             | * Bone, Femur                      |
| * Brain, Brain Stem      | * Brain, Cerebellum                 | * Brain, Cerebrum         | * Esophagus                        |
| * Eye                    | * Gallbladder                       | * Harderian Gland         | * Intestine Large, Ascending Colon |
| * Intestine Large, Cecum | * Intestine Large, Descending Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum        |
| * Intestine Small, Ileum | * Intestine Small, Jejunum          | * Islets, Pancreatic      | * Liver                            |
| * Lung                   | * Mammary Gland                     | * Parathyroid Gland       | * Pituitary Gland                  |
| * Skin                   | * Stomach, Forestomach              | * Stomach, Glandular      | * Thymus                           |
| * Thyroid Gland          | * Trachea                           |                           |                                    |

OBSERVATIONS

- |                                     |             |                       |                         |
|-------------------------------------|-------------|-----------------------|-------------------------|
| * Adrenal Cortex                    | Subcapsular | Hyperplasia           | Mild                    |
| * Clitoral Gland                    |             | Degeneration          | Moderate                |
| * Heart                             |             | Inflammation          | Chronic Active, Minimal |
| * Intestine Large, Transverse Colon | Goblet Cell | Hyperplasia           | Minimal                 |
| * Kidney                            |             | Infiltration Cellular | Lymphocyte, Mild        |
|                                     |             | Metaplasia            | Osseous, Minimal        |
| * Lymph Node, Mandibular            |             | Hyperplasia           | Lymphoid, Mild          |
| * Lymph Node, Mesenteric            |             | Hyperplasia           | Lymphoid, Mild          |
| Mesentery                           | Fat         | Necrosis              | Mild                    |
| [ Necrosis TGLs = 1-16 ]            |             |                       |                         |
| * Nose                              |             | Hyaline Droplet       | Minimal                 |
| * Ovary                             |             | Atrophy               | Marked                  |
| * Pancreas                          |             | Infiltration Cellular | Lymphocyte, Mild        |
| * Salivary Glands                   |             | Infiltration Cellular | Lymphocyte, Minimal     |
| * Spleen                            |             | Hyperplasia           | Lymphoid, Moderate      |
| * Urinary Bladder                   |             | Infiltration Cellular | Lymphocyte, Mild        |
| * Uterus                            | Endometrium | Hyperplasia           | Cystic, Marked          |
| [ Hyperplasia TGLs = 2-7A ]         |             |                       |                         |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 124

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900124

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                                     |                            |                                     |                             |
|-------------------------------------|----------------------------|-------------------------------------|-----------------------------|
| * Adrenal Medulla                   | * Blood Vessel             | * Bone Marrow                       | * Brain, Brain Stem         |
| * Brain, Cerebellum                 | * Esophagus                | * Eye                               | * Gallbladder               |
| * Harderian Gland                   | * Heart                    | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    |
| * Intestine Large, Descending Colon | * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum |
| * Intestine Small, Ileum            | * Intestine Small, Jejunum | * Kidney                            | * Liver                     |
| * Lymph Node, Mandibular            | * Mammary Gland            | * Nose                              | * Pancreas                  |
| * Parathyroid Gland                 | * Pituitary Gland          | * Salivary Glands                   | * Skin                      |
| * Stomach, Forestomach              | * Stomach, Glandular       | * Thymus                            | * Thyroid Gland             |
| * Trachea                           | * Urinary Bladder          |                                     |                             |

**OBSERVATIONS**

- |                          |                                   |                       |                      |
|--------------------------|-----------------------------------|-----------------------|----------------------|
| * Adrenal Cortex         | Subcapsular                       | Hyperplasia           | Mild                 |
| * Bone, Femur            |                                   | Fibro-Osseous Lesion  | Minimal              |
| * Brain, Cerebrum        |                                   | Mineralization        | Minimal              |
| * Clitoral Gland         |                                   | Degeneration          | Marked               |
| * Islets, Pancreatic     |                                   | Lymphoma Malignant    |                      |
| * Lung                   | Alveolar Epith                    | Hyperplasia           | Mild                 |
|                          |                                   | Infiltration Cellular | Histiocyte, Moderate |
| * Lymph Node, Mesenteric |                                   | Lymphoma Malignant    |                      |
| * Ovary                  |                                   | Atrophy               | Marked               |
| * Spleen                 |                                   | Lymphoma Malignant    |                      |
|                          | [ Lymphoma Malignant TGLs = 2-9 ] |                       |                      |
| * Uterus                 | Endometrium                       | Hyperplasia           | Cystic, Moderate     |
|                          | [ Hyperplasia TGLs = 1-7 ]        |                       |                      |

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 131

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Adenocarcinoma	
	[ Adenocarcinoma TGLs = 1-2A ]		
* Ovary		Atrophy	Marked
	[ Cyst TGLs = 3-7A ]	Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLs = 4-9A ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLs = 2-7 ]	Polyp Stromal	
	[ Polyp Stromal TGLs = 2-7 ]		

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 132

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain, Brain Stem
* Brain, Cerebellum	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone, Femur		Fibro-Osseous Lesion	Moderate
* Brain, Cerebrum		Mineralization	Mild
* Clitoral Gland		Degeneration	Moderate
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Lung		Hemorrhage	Marked
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLs = 3-9A ]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 2-9 ]			
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLs = 1-7 ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 133

TRT#: 2

SEX: Female

DAY ON TEST: 538

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900133

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
Skeletal Muscle	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Clitoral Gland		Degeneration	Moderate
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLs = 3-3 ]		
* Lymph Node, Mandibular		Infiltration Cellular	Lymphocyte, Minimal
* Mammary GI			
	Note: RC attempted		
* Ovary		Cyst	Marked
	[ Cyst TGLs = 2-7 ]		
Perph Nerve			
	Note: Removal observations indicated paralysis. Tissue processed per NTP specifications.		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skel Muscle			
	Note: Removal observations indicated paralysis. Tissue processed per NTP specifications.		
Spinal Cord			
	Note: Removal observations indicated paralysis. Tissue processed per NTP specifications.		
* Spleen		Hyperplasia	Lymphoid, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 133

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 538

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900133

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thymus

Atrophy

Moderate

\* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[ Hyperplasia TGLs = 1-7A ]

---

PRIMARY CAUSE OF DEATH

- UNCERTAIN

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 134

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 4-8 ]			
* Liver		Lymphoma Malignant	
		Tension Lipidosis	Minimal
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 3-11 ]			
* Ovary		Atrophy	Marked
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 2-9 ]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Degeneration	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLs = 1-7 ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 141

TRT#: 2

SEX: Female

DAY ON TEST: 642

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900141

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Mild
* Clitoral Gland		Degeneration	Marked
* Lung		Fibrosarcoma	Metastatic (Skin)
	[ Fibrosarcoma TGLs = 8,9,10,11,12-4 ]		
Lymph Node	Mediastinal	Fibrosarcoma	Metastatic (Skin)
	Note: TGL 6 - Noted grossly as Lymph node, axillary was Skin		
	[ Fibrosarcoma TGLs = 7-10A ]		
* Mammary GI			
	Note: TGL 1 - Noted grossly as Mammary gland was Skin		
	Note: TGL 2 - Noted grossly as Mammary gland was Skin		
* Ovary		Atrophy	Marked
		Cyst	Mild
	[ Cyst TGLs = 4-7B ]		
* Skin		Fibrosarcoma	
	[ Fibrosarcoma TGLs = 1,2,6-2A+2B+16 ]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLs = 3-9A ]		
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 141

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 642

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900141

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Hyperplasia TGLs = 5-7A ]

---

**PRIMARY CAUSE OF DEATH** - Skin Fibrosarcoma

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 142

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Moderate
* Clitoral Gland		Degeneration	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
		Tension Lipidosis	Minimal
	[ Hepatocellular Adenoma TGLs = 3-3A ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLs = 4-4A ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild
* Mammary Gland	Alveolus	Hyperplasia	Mild
Mesentery	Fat	Necrosis	Moderate
	[ Necrosis TGLs = 1-16 ]		
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLs = 6-9A ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 142

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900142

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

* Thyroid Gland [ Adenoma TGLs = 5-6 ]	Follicular Cel	Adenoma	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus [ Hyperplasia TGLs = 2-7 ]	Endometrium	Hyperplasia	Cystic, Moderate

---



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 143

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Liver		Cytomegaly	Mild
		Vacuolization Cytoplasmic	Moderate
	[ Cytomegaly TGLs = 5-3 ]		
	[ Vacuolization Cytoplasmic TGLs = 5-3 ]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Inflammation	Chronic Active, Mild
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 7-11 ]		
* Ovary		Atrophy	Marked
		Cyst	Marked
	[ Cyst TGLs = 1-7 ]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLs = 6-9A ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 3,4-9 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 143

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900143

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thyroid Gland

Cyst

Mild

\* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[ Hyperplasia TGLs = 2-7A ]

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 144

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Harderian Gland	Epithelium	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Lung			
Note: TGL 2 - NCL			
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
* Parathyroid GI			
Note: No RC per pathologist			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hyperplasia TGLs = 1-7A ]

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 151

TRT#: 2

SEX: Female

DAY ON TEST: 714

DOSE: ALOEWHOLLEAF 1.0

DISP: Natural Death

HISTO: 021420900151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone, Femur	* Esophagus	* Heart
* Mammary Gland	* Nose	* Skin	* Trachea

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland	Degeneration	Marked
* Liver		
Note: TGL 2 - NCL		
* Ovary	Atrophy	Marked
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 1-9 ]		

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 152

TRT#: 2

SEX: Female

DAY ON TEST: 561

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900152

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Nose	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

**MISSING**

* Clitoral Gland	* Pituitary Gland
------------------	-------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral GI			
Note: RE/WT attempted			
* Intestine Large, Cecum		Lymphoma Malignant	
* Islets, Pancreatic		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant	
[ Hepatocellular Carcinoma TGLs = 6-3 ]			
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Axillary	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Popliteal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 11-16E ]			
[ Lymphoma Malignant TGLs = 2-16A ]			
[ Lymphoma Malignant TGLs = 10-16D ]			
[ Lymphoma Malignant TGLs = 8-16B ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 152

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 561

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900152

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Lymphoma Malignant	TGLs = 9-16C ]		
[ Lymphoma Malignant	TGLs = 1-16 ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 3-10 ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 7-11A ]		
* Ovary		Cyst	Marked
		Lymphoma Malignant	
[ Cyst	TGLs = 4-7 ]		
* Pancreas		Lymphoma Malignant	
* Pituitary Gland			
Note: WT attempted			
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 5-9A ]		
* Thymus		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 12-10 ]		
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH** - Spleen Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 153

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
Note: TGL 3 - NCL			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 2-9 ]			
* Thymus		Atrophy	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLs = 1-7 ]			

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 154

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Harderian Gland	Epithelium	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLs = 1-16 ]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLs = 3-12 ]			
* Thymus		Atrophy	Marked
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLs = 2-7 ]			

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 161

TRT#: 2

SEX: Female

DAY ON TEST: 681

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

MISSING

Lymph Node

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node			
Note: No RC per pathologist			
Note: TGL 4 - NCL			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Fibrosarcoma	
[ Fibrosarcoma TGLs = 1-2A ]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Hyperplasia	Lymphoid, Mild
[ Hematopoietic Cell Proliferation TGLs = 2-9 ]			
[ Hyperplasia TGLs = 2-9 ]			
* Thymus		Hyperplasia	Lymphoid, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 161

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 681

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900161

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia	TGLs = 3-7 ]		

---

**PRIMARY CAUSE OF DEATH** - Skin Fibrosarcoma

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 162

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Parathyroid Gland	* Pituitary Gland
---------------------	-------------------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Vacuolization Cytoplasmic	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLs = 2-16 ]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Parathyroid GI			
Note: RC attempted			
* Pituitary GI			
Note: RC/WT attempted			
Note: TGL 3 - NCL			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thymus		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 162

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900162

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Urinary Bladder

\* Uterus

[ Hyperplasia TGLs = 1-7 ]

Endometrium

Infiltration Cellular

Hyperplasia

Lymphocyte, Minimal

Cystic, Moderate

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 163

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Parathyroid Gland
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Pituitary Gland	* Thymus
-------------------	----------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Clear Cell Focus	
		Vacuolization Cytoplasmic	Mild
	[ Clear Cell Focus TGLs = 4-3 ]		
* Lung			
	Note: TGL 6 - NCL		
	Note: TGL 7 - NCL		
Lymph Node	Lumbar	Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 5-16 ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Atrophy	Marked
	Note: TGL 1 - NCL		
* Pancreas	Acinus	Degeneration	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 163

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900163

ORGAN AND ACCOUNTABLE SITE STATUS

\* Pituitary Gland

Note: No RC per pathologist; missing at trim

\* Salivary Glands

Infiltration Cellular

Lymphocyte, Minimal

\* Spleen

Lymphoma Malignant

[ Lymphoma Malignant TGLs = 3-9 ]

\* Stomach, Forestomach

Epithelium

Hyperplasia

Mild

Squamous Cell Papilloma

[ Hyperplasia TGLs = 9-12B ]

[ Squamous Cell Papilloma TGLs = 8-12A ]

\* Thymus

Note: WT attempted

\* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

\* Uterus

Endometrium

Hemangioma

Hyperplasia

Cystic, Moderate

Thrombus

Mild

[ Hemangioma TGLs = 2-7A ]

[ Hyperplasia TGLs = 2-7A ]

[ Thrombus TGLs = 2-7A ]

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 164

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                          |                           |
|--------------------------|----------------------------|--------------------------|---------------------------|
| * Adrenal Medulla        | * Blood Vessel             | * Bone Marrow            | * Bone, Femur             |
| * Brain, Brain Stem      | * Brain, Cerebellum        | * Esophagus              | * Eye                     |
| * Gallbladder            | * Heart                    | * Intestine Large, Cecum | * Intestine Large, Rectum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Lung                   | * Lymph Node, Mandibular  |
| * Lymph Node, Mesenteric | * Nose                     | * Pancreas               | * Parathyroid Gland       |
| * Skin                   | * Stomach, Forestomach     | * Stomach, Glandular     | * Thyroid Gland           |
| * Trachea                |                            |                          |                           |

OBSERVATIONS

- |   |               |                                  |                     |
|---|---------------|----------------------------------|---------------------|
| * Adrenal Cortex                                      | Subcapsular   | Hyperplasia                      | Mild                |
| * Brain, Cerebrum                                     |               | Mineralization                   | Minimal             |
| * Clitoral Gland                                      |               | Degeneration                     | Moderate            |
| * Harderian Gland                                     |               | Infiltration Cellular            | Lymphocyte, Minimal |
| * Intestine Large, Ascending Colon                    | Goblet Cell   | Hyperplasia                      | Mild                |
| * Intestine Large, Descending Colon                   | Goblet Cell   | Hyperplasia                      | Mild                |
| * Intestine Large, Transverse Colon                   | Goblet Cell   | Hyperplasia                      | Mild                |
| * Intestine Small, Duodenum                           |               | Adenoma                          |                     |
| [ Adenoma TGLs = 3-12A ]                              |               |                                  |                     |
| * Islets, Pancreatic                                  |               | Hyperplasia                      | Mild                |
| * Kidney  |               | Infiltration Cellular            | Lymphocyte, Minimal |
| * Liver   |               | Vacuolization Cytoplasmic        | Minimal             |
| * Mammary Gland                                       |               | Adenocarcinoma                   |                     |
| [ Adenocarcinoma TGLs = 5-2A ]                        |               |                                  |                     |
| * Ovary   |               | Atrophy                          | Marked              |
| * Pituitary Gland                                     | Pars Distalis | Adenoma                          |                     |
| [ Adenoma TGLs = 4-9A ]                               |               |                                  |                     |
| * Salivary Glands                                     |               | Infiltration Cellular            | Lymphocyte, Minimal |
| * Skin  |               |                                  |                     |
| Note: TGL 5 - Noted grossly as Skin was Mammary gland |               |                                  |                     |
| * Spleen  |               | Hematopoietic Cell Proliferation | Moderate            |
|   |               | Hyperplasia                      | Lymphoid, Mild      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 164

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900164

ORGAN AND ACCOUNTABLE SITE STATUS

[ Hematopoietic Cell Proliferation	TGLs = 2-9 ]		
[ Hyperplasia	TGLs = 2-9 ]		
* Thymus		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Endometrium	Cystic, Moderate
[ Hyperplasia	TGLs = 1-7 ]		



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 181

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
		Cyst	Multiple, Marked
[ Atrophy TGLs = 2-7A ]			
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[ Hyperplasia TGLs = 3-9A ]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
* Thymus		Atrophy	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLs = 1-7 ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 182

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Infiltration Cellular	Lymphocyte, Mild
Note: TGL 1 - Noted grossly as Mammary gland was Skin			
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Sarcoma	
	[ Sarcoma TGLs = 1,2-2A+2B ]		
* Spleen		Hyperplasia	Lymphoid, Moderate
	[ Hyperplasia TGLs = 4-9 ]		
* Thymus		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLs = 3-7 ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 183

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Small, Duodenum		Adenoma	
	[ Adenoma TGLs = 6-12 ]		
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node	Lumbar, Sinus	Dilatation	Mild
	Lumbar	Hemorrhage	Mild
	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[ Dilatation TGLs = 4-16 ]		
	[ Hemorrhage TGLs = 4-16 ]		
	[ Lymphoma Malignant TGLs = 4-16 ]		
	[ Lymphoma Malignant TGLs = 5-16A ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 7-10A ]		
* Lymph Node, Mesenteric	Sinus	Dilatation	Mild
		Hemorrhage	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 183

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900183

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	
	[ Hematopoietic Cell Proliferation TGLs = 2-9 ]		
	[ Lymphoma Malignant TGLs = 2-9 ]		
* Thymus		Atrophy	Minimal
	Note: TGL 3 - NCL		
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[ Hyperplasia TGLs = 1-7A ]		

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 184

TRT#: 4

SEX: Female

DAY ON TEST: 609

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Moderate
* Eye			
Note: TGL 6 - NCL			
* Harderian Gland		Adenoma	
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Mild
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Mild
	Iliac	Hyperplasia	Lymphoid, Mild
	Iliac	Infiltration Cellular	Polymorphnuclr, Mild
	Iliac	Infiltration Cellular	Plasma Cell, Mild
[ Hyperplasia TGLs = 5-16 ]			
[ Hyperplasia TGLs = 7-16A ]			
[ Infiltration Cellular TGLs = 7-16A ]			
[ Infiltration Cellular TGLs = 7-16A ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Mammary Gland		Adenocarcinoma	
[ Adenocarcinoma TGLs = 1-2A ]			
* Ovary		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 184

TRT#: 4

SEX: Female

DAY ON TEST: 609

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900184

ORGAN AND ACCOUNTABLE SITE STATUS

[ Angiectasis TGLs = 8-9 ]

\* Spleen

Hematopoietic Cell Proliferation

Moderate

[ Hematopoietic Cell Proliferation TGLs = 2-9A ]

\* Stomach, Glandular

Erosion

Mild

[ Erosion TGLs = 4-12A ]

\* Stom Forestom

Note: TGL 4 - Noted grossly as Stomach, forestomach was Stomach, glandular

\* Thymus

Hyperplasia

Lymphoid, Minimal

\* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

\* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[ Hyperplasia TGLs = 3-7A ]

PRIMARY CAUSE OF DEATH - Mammary Gland Adenocarcinoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 191

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Mild
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Ovary		Atrophy	Marked
		Cyst	Mild
[ Cyst TGLs = 1-7A ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLs = 3-9A ]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Marked
* Thymus		Atrophy	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLs = 2-7 ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 192

TRT#: 4

SEX: Female

DAY ON TEST: 554

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Moderate
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Lung		Congestion	Marked
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Minimal
[ Hyperplasia TGLs = 2-16 ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
Note: Also located on slide 11A			
* Ovary		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLs = 1-7A ]			

PRIMARY CAUSE OF DEATH - UNCERTAIN

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 193

TRT#: 4

SEX: Female

DAY ON TEST: 377

DOSE: ALOEWHOLLEAF 3.0

DISP: Natural Death

HISTO: 021420900193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Heart
* Liver	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin			

MISSING

\* Intestine Small, Jejunum

AUTO PRECLUDES DIAG.

* Bone Marrow	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Int Sm Jejunum			
Note: No RC per pathologist			
* Nose		Hyaline Droplet	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016

Time Report Requested: 15:28:26

First Dose M/F: 04/27/05 / 04/27/05

Lab: NCTR

ANIMAL ID: 194

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900194

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLs = 3-4 ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Parathyroid Gland		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
	[ Hematopoietic Cell Proliferation TGLs = 2-9 ]		
	[ Hyperplasia TGLs = 2-9 ]		
* Thymus		Atrophy	Mild
	Epithel Cell	Hyperplasia	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLs = 1-7 ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 201

TRT#: 4

SEX: Female

DAY ON TEST: 567

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Blood Vessel			
Note: Also located on slide 2B			
* Brain, Cerebrum		Mineralization	Minimal
* Liver		Vacuolization Cytoplasmic	Mild
* Mammary Gland		Adenocarcinoma	
[ Adenocarcinoma TGLs = 2-2A ]			
* Nose		Hyaline Droplet	Minimal
* Parathyroid GI			
Note: No RC per pathologist			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin			
Note: TGL 2 - Noted grossly as Skin was Mammary gland			
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Cyst	Mild
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLs = 1-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 201

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 567

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900201

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH - Mammary Gland Adenocarcinoma

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 202

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain, Brain Stem
* Brain, Cerebellum	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone, Femur		Osteosarcoma	
	[ Osteosarcoma TGLs = 2-15 ]		
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Moderate
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Lymphocyte, Moderate
		Necrosis	Marked
		Osteosarcoma	Metastatic (Bone, Femur)
		Tension Lipidosis	Mild
	[ Osteosarcoma TGLs = 3-3 ]		
* Lung		Osteosarcoma	Metastatic (Bone, Femur)
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphocyte, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 202

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900202

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Hyperplasia TGLs = 1-7 ]

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 203

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Mild
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
	[ Basophilic Focus TGLs = 4-3B ]		
	[ Hepatocellular Adenoma TGLs = 3-3A ]		
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	
	Note: TGL 6 - NCL		
	[ Hyperplasia TGLs = 5,9-12A+12E ]		
	[ Squamous Cell Papilloma TGLs = 7,8-12C+12D ]		
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 203

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900203

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Uterus

Endometrium

Hyperplasia

Cystic, Mild

[ Hyperplasia TGLs = 1,2-7+7A ]

---



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 204

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Harderian Gland		Adenoma	
* Kidney		Lymphoma Malignant	
		Metaplasia	Osseous, Mild
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 4-16 ]		
	[ Lymphoma Malignant TGLs = 5-16A ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Ovary		Atrophy	Marked
		Cyst	Marked
	[ Cyst TGLs = 1-7A ]		
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Lymphoma Malignant	
* Skin		Fibrosarcoma	
	[ Fibrosarcoma TGLs = 6-2A ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 204

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900204

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 3-9 ]		
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hydrometra	Marked
	[ Hydrometra TGLs = 2-7B ]		

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 211

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

MISSING

* Islets, Pancreatic	* Pancreas
----------------------	------------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Mild
* Clitoral Gland		Degeneration	Marked
* Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
* Islets Panc			
Note: RC/WT attempted			
* Kidney		Nephropathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLs = 4-11 ]			
* Mammary Gland		Adenocarcinoma	
[ Adenocarcinoma TGLs = 1-2A ]			
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
* Pancreas			
Note: RC/WT attempted			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLs = 6-9A ]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hemangiosarcoma	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 211

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900211

ORGAN AND ACCOUNTABLE SITE STATUS

[ Hemangiosarcoma TGLs = 3-9 ]

\* Thymus

Atrophy

Marked

\* Thyroid Gland

Follicular Cel

Hyperplasia

Marked

Follicular Cel

Hypertrophy

Moderate

[ Hyperplasia TGLs = 5-6 ]

[ Hypertrophy TGLs = 5-6 ]

\* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

\* Uterus

Endometrium

Hyperplasia

Cystic, Mild

Animal Note: TGL 2 - NST (Cavity, abdominal, fluid)

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 212

TRT#: 1

SEX: Female

DAY ON TEST: 685

DOSE: CONTROL WATER

DISP: Natural Death

HISTO: 021420900212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Bone, Femur

MISSING

\* Lymph Node, Mandibular

\* Salivary Glands

AUTO PRECLUDES DIAG.

\* Adrenal Cortex

\* Adrenal Medulla

\* Blood Vessel

\* Bone Marrow

\* Brain, Brain Stem

\* Brain, Cerebellum

\* Brain, Cerebrum

\* Clitoral Gland

\* Esophagus

\* Eye

\* Gallbladder

\* Harderian Gland

\* Heart

\* Intestine Large, Ascending Colon

\* Intestine Large, Cecum

\* Intestine Large, Descending Colon

\* Intestine Large, Rectum

\* Intestine Large, Transverse Colon

\* Intestine Small, Duodenum

\* Intestine Small, Ileum

\* Intestine Small, Jejunum

\* Islets, Pancreatic

\* Kidney

\* Liver

\* Lung

Lymph Node

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Ovary

\* Pancreas

\* Parathyroid Gland

\* Pituitary Gland

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

OBSERVATIONS

\* Lung

Note: TGL 5 - NCL

Note: TGL 6 - NCL

Note: TGL 7 - NCL

Note: TGL 8 - NCL

Note: TGL 9 - NCL

\* Lym Node Mand

Note: No RC per pathologist

\* Lym Node Mesen

Note: TGL 10 - NCL

Lymph Node

Note: TGL 4 - NCL

Note: TGL 3 - NCL

\* Nose

Hyaline Droplet

Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 212

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 685

**DOSE:** CONTROL WATER

**DISP:** Natural Death

**HISTO:** 021420900212

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Saliv Glands

Note: No RC per pathologist

\* Spleen

Note: TGL 1 - NCL

\* Uterus

Histiocytic Sarcoma

[ Histiocytic Sarcoma TGLs = 2-7A ]

---

**PRIMARY CAUSE OF DEATH**

- Uterus Histiocytic Sarcoma

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 213

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Clitoral Gland		Degeneration	Marked
* Eye		Cataract	Minimal
* Harderian Gland		Carcinoma	
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	
		Tension Lipidosis	Mild
	[ Eosinophilic Focus TGLs = 2-3A ]		
* Lung		Hemorrhage	Mild
* Nose		Hyaline Droplet	Mild
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Parathyroid GI			
Note: RC attempted			
* Pituitary Gland	Pars Intermed	Adenoma	
	[ Adenoma TGLs = 3-9A ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Thymus		Hyperplasia	Lymphoid, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 213

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900213

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thyroid Gland

\* Uterus

[ Hyperplasia TGLs = 1-7 ]

Endometrium

Infiltration Cellular

Hyperplasia

Lymphocyte, Mild

Cystic, Mild

---



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 214

TRT#: 1

SEX: Female

DAY ON TEST: 706

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Rectum		Fibrosarcoma	Metastatic (Skin)
* Kidney		Infiltration Cellular	Histiocyte, Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
[ Infiltration Cellular TGLs = 6-4 ]			
Lymph Node	Renal	Hyperplasia	Lymphoid, Mild
	Lumbar	Hyperplasia	Lymphoid, Moderate
	Lumbar	Infiltration Cellular	Polymorphnuclr, Moderate
	Renal	Infiltration Cellular	Polymorphnuclr, Mild
[ Hyperplasia TGLs = 4-16A ]			
[ Hyperplasia TGLs = 5-16 ]			
[ Infiltration Cellular TGLs = 5-16 ]			
[ Infiltration Cellular TGLs = 4-16A ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
* Skin		Fibrosarcoma	
[ Fibrosarcoma TGLs = 1-2A ]			
* Spleen		Hematopoietic Cell Proliferation	Marked

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 214

TRT#: 1

SEX: Female

DAY ON TEST: 706

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900214

ORGAN AND ACCOUNTABLE SITE STATUS

[ Hematopoietic Cell Proliferation TGLs = 3-9 ]

[ Hyperplasia TGLs = 3-9 ]

Hyperplasia

Lymphoid, Mild

\* Thymus

\* Urinary Bladder

\* Uterus

Endometrium

Atrophy

Infiltration Cellular

Hyperplasia

Marked

Lymphocyte, Minimal

Cystic, Moderate

[ Hyperplasia TGLs = 2-7 ]

PRIMARY CAUSE OF DEATH

- Skin Fibrosarcoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 231

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900231

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Liver		Inflammation	Chronic Active, Minimal
Note: TGL 7 - NCL			
Lymph Node	Axillary	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 2-16 ]		
[ Lymphoma Malignant	TGLs = 5-16A ]		
[ Lymphoma Malignant	TGLs = 6-16B ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 1-10A ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 9-11 ]		
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Fibrosis	Stromal, Marked

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

---

ANIMAL ID: 231

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900231

---

ORGAN AND ACCOUNTABLE SITE STATUS

---

Lymphoma Malignant

[ Fibrosis TGLs = 4-9 ]

[ Lymphoma Malignant TGLs = 3-9 ]

\* Thymus

Note: TGL 8 - NCL

Note: WT attempted

\* Uterus

Endometrium

Hyperplasia

Cystic, Mild

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 232

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Mild
		Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma	TGLs = 3-4 ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLs = 1-10 ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[ Hyperplasia TGLs = 4-9A ]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hemangiosarcoma	
		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 232

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900232

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Hyperplasia TGLs = 2-7 ]

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 233

TRT#: 1

SEX: Female

DAY ON TEST: 646

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900233

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                                     |                             |                                     |                            |
|-------------------------------------|-----------------------------|-------------------------------------|----------------------------|
| * Adrenal Medulla                   | * Blood Vessel              | * Bone Marrow                       | * Bone, Femur              |
| * Brain, Brain Stem                 | * Brain, Cerebellum         | * Brain, Cerebrum                   | * Esophagus                |
| * Eye                               | * Gallbladder               | * Harderian Gland                   | * Heart                    |
| * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Islets, Pancreatic                | * Kidney                    | * Lung                              | * Mammary Gland            |
| * Nose                              | * Pancreas                  | * Parathyroid Gland                 | * Pituitary Gland          |
| * Skin                              | * Stomach, Forestomach      | * Stomach, Glandular                | * Thymus                   |
| * Thyroid Gland                     | * Trachea                   | * Urinary Bladder                   |                            |

**OBSERVATIONS**

- |                          |                                       |                           |                       |
|--------------------------|---------------------------------------|---------------------------|-----------------------|
| * Adrenal Cortex         | Subcapsular                           | Hyperplasia               | Mild                  |
| * Clitoral Gland         |                                       | Degeneration              | Marked                |
| * Liver                  |                                       | Vacuolization Cytoplasmic | Minimal               |
| Lymph Node               | Lumbar                                | Infiltration Cellular     | Plasma Cell, Moderate |
|                          | [ Infiltration Cellular TGLs = 4-16 ] |                           |                       |
| * Lymph Node, Mandibular |                                       | Infiltration Cellular     | Plasma Cell, Mild     |
| * Lymph Node, Mesenteric |                                       | Hyperplasia               | Lymphoid, Mild        |
|                          | [ Hyperplasia TGLs = 3-11 ]           |                           |                       |
| * Ovary                  |                                       | Atrophy                   | Moderate              |
|                          | [ Cyst TGLs = 2-7 ]                   | Cyst                      | Moderate              |
| * Salivary Glands        |                                       | Infiltration Cellular     | Lymphocyte, Minimal   |
| * Spleen                 |                                       | Hyperplasia               | Lymphoid, Mild        |
| * Uterus                 | Endometrium                           | Hyperplasia               | Cystic, Moderate      |
|                          | [ Hyperplasia TGLs = 1-7 ]            |                           |                       |

PRIMARY CAUSE OF DEATH - UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 234

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                                     |                             |                                     |                            |
|-------------------------------------|-----------------------------|-------------------------------------|----------------------------|
| * Adrenal Medulla                   | * Blood Vessel              | * Bone Marrow                       | * Bone, Femur              |
| * Brain, Brain Stem                 | * Brain, Cerebellum         | * Brain, Cerebrum                   | * Esophagus                |
| * Eye                               | * Gallbladder               | * Harderian Gland                   | * Heart                    |
| * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Islets, Pancreatic                | * Liver                     | * Lung                              | * Mammary Gland            |
| * Nose                              | * Pancreas                  | * Parathyroid Gland                 | * Pituitary Gland          |
| * Skin                              | * Stomach, Forestomach      | * Stomach, Glandular                | * Thymus                   |
| * Trachea                           |                             |                                     |                            |

OBSERVATIONS

- |                          |   |                                  |                     |
|--------------------------|---|----------------------------------|---------------------|
| * Adrenal Cortex         | Subcapsular                                     | Hyperplasia                      | Mild                |
| * Clitoral Gland         |   | Degeneration                     | Marked              |
| * Kidney                 |   | Infiltration Cellular            | Lymphocyte, Minimal |
| * Lymph Node, Mandibular |   | Hyperplasia                      | Lymphoid, Mild      |
| * Lymph Node, Mesenteric |   | Lymphoma Malignant               |                     |
| * Mammary GI             |   |                                  |                     |
| Note: TGL 1 - NCL        |   |                                  |                     |
| * Ovary                  |   | Atrophy                          | Marked              |
| * Salivary Glands        |   | Infiltration Cellular            | Lymphocyte, Minimal |
| * Spleen                 |   | Hematopoietic Cell Proliferation | Moderate            |
|                          |   | Lymphoma Malignant               |                     |
|                          | [ Hematopoietic Cell Proliferation TGLs = 3-9 ] |                                  |                     |
|                          | [ Lymphoma Malignant TGLs = 3-9 ]               |                                  |                     |
| * Thyroid Gland          | Follicle  | Degeneration                     | Mild                |
| * Urinary Bladder        |   | Infiltration Cellular            | Lymphocyte, Minimal |
| * Uterus                 | Endometrium                                     | Hyperplasia                      | Cystic, Marked      |
|                          | [ Hyperplasia TGLs = 2-7 ]                      |                                  |                     |

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 251

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Mammary GI			
Note: TGL 1 - NCL			
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 3-9 ]			
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLs = 2-7 ]			

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 252

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Mild
* Intestine Small, Duodenum		Adenoma	
[ Adenoma TGLs = 7-12 ]			
* Kidney	Transit Epithe	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Minimal
	Pelvis	Mineralization	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLs = 8-4 ]			
Lymph Node			
Note: TGL 4 - NCL			
* Mammary Gland	Alveolus	Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLs = 5-16A ]			
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
		Cyst	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 252

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900252

ORGAN AND ACCOUNTABLE SITE STATUS

[ Cyst TGLs = 2-7 ]  
\* Parathyroid GI  
Note: RC attempted  
\* Pituitary Gland Pars Distalis Adenoma  
[ Adenoma TGLs = 10-9A ]  
\* Salivary Glands Infiltration Cellular Lymphocyte, Minimal  
\* Skin Fibrous Histiocytoma  
[ Fibrous Histiocytoma TGLs = 1-2A ]  
\* Spleen Hematopoietic Cell Proliferation Moderate  
Hyperplasia Lymphoid, Moderate  
[ Hematopoietic Cell Proliferation TGLs = 6-9 ]  
[ Hyperplasia TGLs = 6-9 ]  
\* Thymus Atrophy Mild  
\* Thyroid GI  
Note: TGL 9 - NCL  
\* Uterus Endometrium Hyperplasia Cystic, Moderate  
[ Hyperplasia TGLs = 3-7A ]

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 253

TRT#: 2

SEX: Female

DAY ON TEST: 680

DOSE: ALOEWHOLLEAF 1.0

DISP: Natural Death

HISTO: 021420900253

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Blood Vessel	* Esophagus	* Heart	* Skin
<b>AUTO PRECLUDES DIAG.</b>			
* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Clitoral Gland		Degeneration	Marked
* Lung		Lymphoma Malignant	
* Lym Node Mesen			
Note: TGL 10 - NCL			
Lymph Node	Axillary	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 8-16B ]		
[ Lymphoma Malignant	TGLs = 7-16A ]		
[ Lymphoma Malignant	TGLs = 6-16 ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 1-10+10A ]		
* Ovary		Autolysis	Marked
		Cyst	Moderate
[ Cyst	TGLs = 3-7 ]		
* Pancreas			
Note: TGL 5 - NCL			
* Spleen		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

---

ANIMAL ID: 253

TRT#: 2

SEX: Female

DAY ON TEST: 680

DOSE: ALOEWHOLLEAF 1.0

DISP: Natural Death

HISTO: 021420900253

---

ORGAN AND ACCOUNTABLE SITE STATUS

---

[ Lymphoma Malignant TGLs = 4-9 ]  
\* Thymus Lymphoma Malignant  
[ Lymphoma Malignant TGLs = 9-10B ]  
\* Uterus  
Note: TGL 2 - NCL

---

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 254

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLs = 3-3A ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	[ Hyperplasia TGLs = 4-9A ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
	[ Hyperplasia TGLs = 2-9 ]		
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLs = 1-7 ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 271

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Amyloid Deposition	Marked
	Pelvis	Cyst	Multiple, Marked
		Dilatation	Moderate
		Lymphoma Malignant	
		Nephropathy	Marked
	[ Amyloid Deposition TGLs = 4-8 ]		
	[ Cyst TGLs = 4-8 ]		
	[ Dilatation TGLs = 4-8 ]		
	[ Lymphoma Malignant TGLs = 4-8 ]		
	[ Nephropathy TGLs = 4-8 ]		
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Amyloid Deposition	Mild
		Lymphoma Malignant	
	[ Amyloid Deposition TGLs = 5-10A ]		
	[ Lymphoma Malignant TGLs = 5-10A ]		
* Lymph Node, Mesenteric		Amyloid Deposition	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 271

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900271

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Nose		Lymphoma Malignant	
* Ovary		Hyaline Droplet	Minimal
		Atrophy	Marked
		Cyst	Marked
	[ Cyst TGLs = 1-7 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Lymphoma Malignant	
* Spleen		Amyloid Deposition	Moderate
		Lymphoma Malignant	
	[ Amyloid Deposition TGLs = 3-9 ]		
	[ Lymphoma Malignant TGLs = 3-9 ]		
* Thymus		Amyloid Deposition	Mild
		Lymphoma Malignant	
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLs = 2-7A ]		



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 272

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                                     |                            |                                     |                             |
|-------------------------------------|----------------------------|-------------------------------------|-----------------------------|
| * Adrenal Medulla                   | * Blood Vessel             | * Bone Marrow                       | * Bone, Femur               |
| * Brain, Brain Stem                 | * Brain, Cerebellum        | * Esophagus                         | * Eye                       |
| * Gallbladder                       | * Heart                    | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    |
| * Intestine Large, Descending Colon | * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum |
| * Intestine Small, Ileum            | * Intestine Small, Jejunum | * Islets, Pancreatic                | * Lung                      |
| * Lymph Node, Mandibular            | * Mammary Gland            | * Nose                              | * Pancreas                  |
| * Pituitary Gland                   | * Skin                     | * Stomach, Forestomach              | * Stomach, Glandular        |
| * Trachea                           |                            |                                     |                             |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |                          |  |                        |                     |
|--------------------------|--|------------------------|---------------------|
| * Adrenal Cortex         | Subcapsular                            | Hyperplasia            | Mild                |
| * Brain, Cerebrum        |  | Mineralization         | Minimal             |
| * Clitoral Gland         |  | Degeneration           | Marked              |
| * Harderian Gland        |  | Infiltration Cellular  | Lymphocyte, Minimal |
| * Kidney                 |  | Infiltration Cellular  | Lymphocyte, Minimal |
| * Liver                  |  | Hepatocellular Adenoma |                     |
|                          |  | Lymphoma Malignant     |                     |
|                          |  | Tension Lipidosis      | Mild                |
|                          | [ Hepatocellular Adenoma TGLs = 4-3A ] |                        |                     |
| * Lymph Node, Mesenteric |  | Hyperplasia            | Lymphoid, Minimal   |
| * Ovary                  |  | Atrophy                | Marked              |
|                          |  | Cyst                   | Marked              |
|                          | [ Cyst TGLs = 2-7 ]                    |                        |                     |
| * Parathyroid Gland      |  |                        |                     |
|                          | Note: RC attempted                     |                        |                     |
| * Salivary Glands        |  | Infiltration Cellular  | Lymphocyte, Minimal |
| * Spleen                 |  | Lymphoma Malignant     |                     |
|                          | [ Lymphoma Malignant TGLs = 3-9 ]      |                        |                     |
| * Thymus                 |  | Atrophy                | Mild                |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

---

ANIMAL ID: 272

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900272

---

ORGAN AND ACCOUNTABLE SITE STATUS

---

* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

---

[ Hyperplasia TGLs = 1-7A ]

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 273

TRT#: 2

SEX: Female

DAY ON TEST: 699

DOSE: ALOEWHOLLEAF 1.0

DISP: Natural Death

HISTO: 021420900273

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Blood Vessel	* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum
* Esophagus	* Parathyroid Gland	* Stomach, Forestomach	* Stomach, Glandular

**AUTO PRECLUDES DIAG.**

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Clitoral Gland
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Brain, Cerebrum		Mineralization	Minimal
* Clitoral GI			
Note: TGL 1 - NCL			
* Heart			
Note: TGL 15 - NCL			
Note: TGL 16 - NCL			
* Liver		Lymphoma Malignant	
Note: TGL 11 - NST (Liver, caudate lobe, focus - not found at trim)			
[ Lymphoma Malignant TGLs = 8,9,10,12-3A+3B+3C+3 ]			
* Lung		Lymphoma Malignant	
Lymph Node	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Axillary	Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 6-16A ]			
[ Lymphoma Malignant TGLs = 13-16B ]			
[ Lymphoma Malignant TGLs = 14-16C ]			
[ Lymphoma Malignant TGLs = 2-16 ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 273

TRT#: 2

SEX: Female

DAY ON TEST: 699

DOSE: ALOEWHOLLEAF 1.0

DISP: Natural Death

HISTO: 021420900273

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular [ Lymphoma Malignant TGLs = 3-10+10A ]	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLs = 18-11 ]	Lymphoma Malignant	
* Pituitary Gland Note: TGL 17 - NCL		
* Spleen [ Lymphoma Malignant TGLs = 7-9 ]	Lymphoma Malignant	
* Uterus [ Hyperplasia TGLs = 5-7A ]	Endometrium Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Animal Note: TGL 4 - NST (Cavity, fluid)

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 274

TRT#: 2

SEX: Female

DAY ON TEST: 535

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900274

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Blood Vessel	* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum
* Brain, Cerebrum	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Ovary	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Adrenal Medulla	* Parathyroid Gland
-------------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Adren Medulla			
Note: RC attempted			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Degeneration	Marked
* Harderian Gland		Adenoma	
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLs = 4-3A ]		
	[ Hepatocellular Carcinoma TGLs = 3-3 ]		
Lymph Node	Lumbar	Infiltration Cellular	Polymorphnuclr, Moderate
	Axillary	Infiltration Cellular	Polymorphnuclr, Moderate
	[ Infiltration Cellular TGLs = 5-16 ]		
	[ Infiltration Cellular TGLs = 6-16A ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 274

TRT#: 2

SEX: Female

DAY ON TEST: 535

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900274

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland [ Adenocarcinoma TGLs = 1-2A ]	Adenocarcinoma	
* Nose	Hyaline Droplet	Minimal
* Pancreas	Infiltration Cellular	Lymphocyte, Minimal
* Parathyroid Gland Note: RC attempted		
* Salivary Glands	Infiltration Cellular	Lymphocyte, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
	Hyperplasia	Lymphoid, Mild
* Thymus	Hyperplasia	Lymphoid, Mild
* Uterus [ Hyperplasia TGLs = 2-7 ]	Endometrium Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Adenocarcinoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 281

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Cerebellum	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
* Brain, Brain Stem		Compression	Minimal
	[ Compression TGLs = 4-1 ]		
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Mild
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung			
	Note: TGL 5 - NCL		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLs = 3-9A ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Marked
	[ Hyperplasia TGLs = 2-9 ]		
* Thymus		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 281

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900281

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[ Hyperplasia TGLs = 1-7 ]

---



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 282

TRT#: 2

SEX: Female

DAY ON TEST: 593

DOSE: ALOEWHOLLEAF 1.0

DISP: Natural Death

HISTO: 021420900282

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

\* Blood Vessel

\* Bone, Femur

\* Heart

**MISSING**

\* Gallbladder

**AUTO PRECLUDES DIAG.**

\* Adrenal Cortex  
 \* Brain, Cerebellum  
 \* Eye  
 \* Intestine Large, Rectum  
 \* Intestine Small, Jejunum  
 \* Lung  
 \* Ovary  
 \* Salivary Glands  
 \* Thyroid Gland

\* Adrenal Medulla  
 \* Brain, Cerebrum  
 \* Intestine Large, Ascending Colon  
 \* Intestine Large, Transverse Colon  
 \* Islets, Pancreatic  
 \* Lymph Node, Mandibular  
 \* Pancreas  
 \* Spleen  
 \* Trachea

\* Bone Marrow  
 \* Clitoral Gland  
 \* Intestine Large, Cecum  
 \* Intestine Small, Duodenum  
 \* Kidney  
 \* Mammary Gland  
 \* Parathyroid Gland  
 \* Stomach, Forestomach  
 \* Urinary Bladder

\* Brain, Brain Stem  
 \* Esophagus  
 \* Intestine Large, Descending Colon  
 \* Intestine Small, Ileum  
 \* Liver  
 \* Nose  
 \* Pituitary Gland  
 \* Stomach, Glandular

**OBSERVATIONS**

\* Gallbladder

Note: No RC per pathologist

\* Harderian Gland

Lymph Node

Mediastinal

Lumbar

[ Lymphoma Malignant TGLs = 5-16A ]

[ Lymphoma Malignant TGLs = 3-16 ]

\* Lymph Node, Mesenteric

[ Lymphoma Malignant TGLs = 2-11A ]

\* Skin

[ Fibroma TGLs = 6-2A ]

\* Thymus

[ Lymphoma Malignant TGLs = 4-10A ]

\* Uterus

[ Hydrometra TGLs = 1-7A ]

Adenoma

Lymphoma Malignant

Lymphoma Malignant

Lymphoma Malignant

Fibroma

Lymphoma Malignant

Hydrometra

Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 282

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 593

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Natural Death

**HISTO:** 021420900282

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

- Thymus Lymphoma Malignant

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 283

TRT#: 2

SEX: Female

DAY ON TEST: 720

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Intestine Large, Transverse Colon	* Pituitary Gland	* Thymus
-------------------------------------	-------------------	----------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Lymphoma Malignant	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Gallbladder		Lymphoma Malignant	
* Int Lg Tra Col			
Note: No RC per pathologist			
* Kidney		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 5-8 ]		
* Liver		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 3-3 ]		
* Lung		Alveolar/Bronchiolar Carcinoma Lymphoma Malignant	
	[ Alveolar/Bronchiolar Carcinoma TGLs = 8-4A ]		
	[ Lymphoma Malignant TGLs = 9-4B ]		
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 10-16B ]		
	[ Lymphoma Malignant TGLs = 6-16 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 283

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 720

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900283

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Lymphoma Malignant	TGLs = 7-16A ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 1-10+10A ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 4-11 ]		
* Ovary		Atrophy	Marked
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland			
Note: No RC per pathologist			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 2-9 ]		
* Thymus			
Note: No RC per pathologist			
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH** - Spleen Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 284

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant	
	[ Alveolar/Bronchiolar Adenoma TGLs = 4-4 ]		
Lymph Node	Mediastinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 3-16 ]		
	[ Lymphoma Malignant TGLs = 6-16B ]		
	[ Lymphoma Malignant TGLs = 5-16A ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 7-11 ]		
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

---

ANIMAL ID: 284

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900284

---

ORGAN AND ACCOUNTABLE SITE STATUS

---

[ Lymphoma Malignant TGLs = 2-9 ]

\* Thymus

Lymphoma Malignant

\* Thyroid Gland

Infiltration Cellular

Lymphocyte, Minimal

\* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

\* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[ Hyperplasia TGLs = 1-7 ]

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 291

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Skin	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Brain Stem		Compression	Mild
	[ Compression TGLs = 5-1 ]		
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLs = 3-3A ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Note: TGL 7 - NCL		
	[ Alveolar/Bronchiolar Carcinoma TGLs = 4-4 ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Galactocele	Mild
	Alveolus	Hyperplasia	Mild
	[ Galactocele TGLs = 1-2A ]		
Mesentery	Fat	Necrosis	Mild
	[ Necrosis TGLs = 2-16 ]		
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLs = 6-9A ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 291

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900291

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Lymphoid, Moderate
* Stomach, Forestomach		Squamous Cell Papilloma	
	[ Squamous Cell Papilloma TGLs = 8-12A ]		
* Thymus		Atrophy	Mild
* Thyroid Gland		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 292

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Tension Lipidosis	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary GI			
Note: Located on slide 7			
Mesentery		Inflammation	Chronic Active, Marked
	Fat	Necrosis	Marked
	[ Inflammation TGLs = 3-16 ]		
	[ Necrosis TGLs = 3-16 ]		
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Skeletal Muscle	Diaphragm	Inflammation	Chronic Active, Marked
	[ Inflammation TGLs = 4-16A ]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLs = 2-9 ]	Hyperplasia	Lymphoid, Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

---

ANIMAL ID: 292

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900292

---

ORGAN AND ACCOUNTABLE SITE STATUS

---

[ Hyperplasia TGLs = 2-9 ]			
* Thyroid Gland	Follicle	Degeneration	Minimal
* Uterus		Angiectasis	Moderate
	Endometrium	Hyperplasia	Cystic, Marked
		Thrombus	Mild
[ Hyperplasia TGLs = 1-7 ]			

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 293

TRT#: 3

SEX: Female

DAY ON TEST: 639

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Int Sm Duoden			
Note: TGL 4 - NCL			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
[ Infiltration Cellular TGLs = 3-16 ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 2-9 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLs = 1-7 ]			

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 294

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Vacuolization Cytoplasmic	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Degeneration	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hyperplasia TGLs = 1-7 ]

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 311

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Clitoral Gland		Degeneration	Moderate
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Liver		Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Atrophy	Marked
		Cyst	Multiple, Mild
[ Cyst TGLs = 1-7 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLs = 4-9A ]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Marked
[ Hyperplasia TGLs = 3-9 ]			
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLs = 2-7 ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 312

TRT#: 3

SEX: Female

DAY ON TEST: 694

DOSE: ALOEWHOLLEAF 2.0

DISP: Natural Death

HISTO: 021420900312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Bone, Femur

\* Skin

AUTO PRECLUDES DIAG.

\* Adrenal Cortex

\* Adrenal Medulla

\* Blood Vessel

\* Bone Marrow

\* Brain, Brain Stem

\* Brain, Cerebellum

\* Brain, Cerebrum

\* Clitoral Gland

\* Esophagus

\* Eye

\* Gallbladder

\* Harderian Gland

\* Heart

\* Intestine Large, Ascending Colon

\* Intestine Large, Cecum

\* Intestine Large, Descending Colon

\* Intestine Large, Rectum

\* Intestine Large, Transverse Colon

\* Intestine Small, Duodenum

\* Intestine Small, Ileum

\* Intestine Small, Jejunum

\* Islets, Pancreatic

\* Kidney

\* Liver

\* Lung

Lymph Node

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Parathyroid Gland

\* Pituitary Gland

\* Salivary Glands

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

\* Uterus

OBSERVATIONS

Lymph Node

Note: TGL 3 - NCL

\* Spleen

Note: TGL 1 - NCL

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: TGL 2 - NST (Cavity, thoracic)

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 313

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 6-8 ]		
* Liver		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 9,10-3A+3 ]		
* Lung		Lymphoma Malignant	
Lymph Node	Axillary	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 8-16B ]		
[ Lymphoma Malignant	TGLs = 7-16A ]		
[ Lymphoma Malignant	TGLs = 5-16 ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 1-10+10A ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 11-11 ]		
* Ovary		Atrophy	Marked
		Cyst	Marked

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 313

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900313

ORGAN AND ACCOUNTABLE SITE STATUS

[ Cyst TGLs = 2-7A ]		
* Pancreas	Infiltration Cellular	Lymphocyte, Minimal
* Skin	Lymphoma Malignant	
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 4-9 ]		
* Thymus	Lymphoma Malignant	
* Thyroid Gland	Inflammation	Chronic Active, Minimal
* Urinary Bladder	Lymphoma Malignant	
* Uterus	Endometrium Hyperplasia	Cystic, Mild
[ Hyperplasia TGLs = 3-7 ]		



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 314

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Liver		Vacuolization Cytoplasmic	Mild
Note: TGL 6 - NCL			
* Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 5-16B ]		
[ Lymphoma Malignant	TGLs = 7-16C ]		
[ Lymphoma Malignant	TGLs = 4-16A ]		
[ Lymphoma Malignant	TGLs = 8-16D ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 1-10+10A ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 9-11 ]		
* Mesentery	Fat	Necrosis	Marked
[ Necrosis	TGLs = 2-16 ]		
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

---

ANIMAL ID: 314

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900314

---

ORGAN AND ACCOUNTABLE SITE STATUS

---

* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 3-9 ]		
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLs = 10-7 ]		

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 321

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone, Femur		Fibro-Osseous Lesion	Mild
* Clitoral Gland		Degeneration	Marked
* Harderian Gland		Adenoma	
[ Adenoma TGLs = 3-13 ]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLs = 2-9 ]			
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLs = 1-7 ]			

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 322

TRT#: 3

SEX: Female

DAY ON TEST: 726

DOSE: ALOEWHOLLEAF 2.0

DISP: Natural Death

HISTO: 021420900322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Bone, Femur

MISSING

\* Intestine Large, Rectum

\* Intestine Small, Duodenum

\* Lymph Node, Mesenteric

\* Parathyroid Gland

AUTO PRECLUDES DIAG.

\* Adrenal Cortex

\* Adrenal Medulla

\* Blood Vessel

\* Bone Marrow

\* Brain, Brain Stem

\* Brain, Cerebellum

\* Brain, Cerebrum

\* Clitoral Gland

\* Esophagus

\* Eye

\* Gallbladder

\* Harderian Gland

\* Heart

\* Intestine Large, Ascending Colon

\* Intestine Large, Cecum

\* Intestine Large, Descending Colon

\* Intestine Large, Transverse Colon

\* Intestine Small, Ileum

\* Intestine Small, Jejunum

\* Islets, Pancreatic

\* Kidney

\* Liver

Lymph Node

\* Lymph Node, Mandibular

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

\* Uterus

OBSERVATIONS

\* Int Lg Rectum

Note: No RC per pathologist

\* Int Sm Duoden

Note: No RC per pathologist

\* Liver

Note: TGL 4 - NCL

Note: TGL 5 - NCL

Note: TGL 6 - NCL

\* Lung

Alveolar/Bronchiolar Carcinoma

Autolysis

Marked

[ Alveolar/Bronchiolar Carcinoma TGLs = 3-4A ]

\* Lym Node Mesen

Note: No RC per pathologist

Lymph Node

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 322

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 726

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Natural Death

**HISTO:** 021420900322

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Note: TGL 2 - NCL

Mesentery

Fat

Necrosis

Marked

[ Necrosis TGLs = 7-16A ]

\* Parathyroid GI

Note: No RC per pathologist

Skeletal Muscle

Alveolar/Bronchiolar Carcinoma

Metastatic (Lung)

[ Alveolar/Bronchiolar Carcinoma TGLs = 8,9-16B+16C ]

Tissue NOS

Note: TGL 7 - Noted grossly as Tissue NOS was Mesentery

\* Uterus

Note: TGL 1 - NCL

---

**PRIMARY CAUSE OF DEATH**

- Lung Alveolar/Bronchiolar Carcinoma

---

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 323

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900323

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Mild
* Clitoral Gland		Degeneration	Marked
* Intestine Small, Ileum		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 3-12A ]			
* Liver		Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 2-11 ]			
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Moderate
* Thymus		Atrophy	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLs = 1-7 ]			

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 324

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

\* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Harderian Gland		Adenoma	
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Lym Node Mesen			
Note: WT attempted			
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLs = 1-7 ]

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 331

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Bone Marrow		Leukemia	
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Kidney		Nephropathy	Minimal
* Liver		Leukemia	
		Necrosis	Marked
[ Leukemia TGLs = 3-3 ]			
[ Necrosis TGLs = 3-3 ]			
* Lung		Leukemia	
Lymph Node	Renal	Leukemia	
	Lumbar	Leukemia	
[ Leukemia TGLs = 5-16A ]			
[ Leukemia TGLs = 4-16 ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Lymph Node, Mesenteric		Leukemia	
[ Leukemia TGLs = 6-11 ]			
* Ovary		Atrophy	Marked
* Pituitary Gland		Leukemia	
* Spleen		Leukemia	
[ Leukemia TGLs = 1-9 ]			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 331

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900331

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thymus

Atrophy

Mild

\* Uterus

Endometrium

Hyperplasia

Cystic, Mild

[ Hyperplasia TGLs = 2-7 ]

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 332

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Tension Lipidosis	Minimal
		Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 3-11 ]		
* Ovary		Atrophy	Marked
* Parathyroid GI			
	Note: RC attempted		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLs = 2-9 ]		
* Thymus		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 332

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900332

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Uterus

[ Hyperplasia TGLs = 1-7 ]

Endometrium

Hyperplasia

Cystic, Moderate

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 333

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Mild
	[ Infiltration Cellular TGLs = 3-3 ]		
	[ Inflammation TGLs = 3-3 ]		
* Mammary Gland		Adenocarcinoma	
	[ Adenocarcinoma TGLs = 2-2A ]		
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin			
	Note: TGL 2 - Noted grossly as Skin was Mammary gland		
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 333

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900333

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Hyperplasia TGLs = 1-7 ]

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 334

TRT#: 4

SEX: Female

DAY ON TEST: 474

DOSE: ALOEWHOLLEAF 3.0

DISP: Natural Death

HISTO: 021420900334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
		Polyarteritis	Mild
* Lung		Inflammation	Chronic Active, Mild
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLs = 3-16A ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Hemorrhage	Marked
	Fat	Infiltration Cellular	Histiocyte, Marked
[ Hemorrhage TGLs = 2-16 ]			
[ Infiltration Cellular TGLs = 2-16 ]			
* Pancreas	Duct	Dilatation	Marked
		Hemorrhage	Marked
[ Dilatation TGLs = 4-10A ]			
[ Hemorrhage TGLs = 4-10A ]			
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 334

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 474

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Natural Death

**HISTO:** 021420900334

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Note: TGL 1 also located on slide 7A with uterus body

[ Hyperplasia TGLs = 1-7+7A ]

---

PRIMARY CAUSE OF DEATH - Pancreas Hemorrhage

CONTRIBUTORY CAUSE OF DEATH - Pancreas Duct Dilatation

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 361

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Amyloid Deposition	Moderate
		Nephropathy	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Melanoma Benign	
	[ Melanoma Benign TGLs = 2-2A ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Marked
* Thymus		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLs = 1-7 ]		

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 362

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Harderian Gland		Hyperplasia	Mild
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLs = 3-4A ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Ovary		Atrophy	Marked
		Cyst	Mild
	[ Cyst TGLs = 2-7A ]		
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
* Thymus		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[ Hyperplasia TGLs = 1-7 ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 363

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

\* Intestine Large, Rectum

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Int Lg Rectum			
Note: WT attempted			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
	[ Basophilic Focus TGLs = 4-3B ]		
	[ Hepatocellular Adenoma TGLs = 3-3A ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Atrophy	Marked
		Cyst	Marked
	[ Cyst TGLs = 2-7A ]		
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 363

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900363

ORGAN AND ACCOUNTABLE SITE STATUS

[ Hyperplasia TGLs = 5-9A ]		
* Salivary Glands		Infiltration Cellular
* Spleen		Hyperplasia
* Thymus		Hyperplasia
* Urinary Bladder		Infiltration Cellular
* Uterus	Endometrium	Hyperplasia
[ Hyperplasia TGLs = 1-7 ]		

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 364

TRT#: 4

SEX: Female

DAY ON TEST: 24

DOSE: ALOEWHOLLEAF 3.0

DISP: Natural Death

HISTO: 021420900364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Bone, Femur

AUTO PRECLUDES DIAG.

\* Adrenal Cortex  
\* Brain, Brain Stem  
\* Esophagus  
\* Heart  
\* Intestine Large, Rectum  
\* Intestine Small, Jejunum  
\* Lung  
\* Nose  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Adrenal Medulla  
\* Brain, Cerebellum  
\* Eye  
\* Intestine Large, Ascending Colon  
\* Intestine Large, Transverse Colon  
\* Islets, Pancreatic  
\* Lymph Node, Mandibular  
\* Ovary  
\* Salivary Glands  
\* Stomach, Glandular  
\* Urinary Bladder

\* Blood Vessel  
\* Brain, Cerebrum  
\* Gallbladder  
\* Intestine Large, Cecum  
\* Intestine Small, Duodenum  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pancreas  
\* Skin  
\* Thymus  
\* Uterus

\* Bone Marrow  
\* Clitoral Gland  
\* Harderian Gland  
\* Intestine Large, Descending Colon  
\* Intestine Small, Ileum  
\* Liver  
\* Mammary Gland  
\* Parathyroid Gland  
\* Spleen  
\* Thyroid Gland

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 401

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900401

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Lymphocyte, Mild
	[ Mixed Cell Focus TGLs = 2-3A ]	Mixed Cell Focus	
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[ Hyperplasia TGLs = 1-7 ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 402

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Esophagus	* Eye	* Gallbladder
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Mild
* Kidney		Amyloid Deposition	Marked
		Lymphoma Malignant	
		Nephropathy	Marked
	[ Amyloid Deposition TGLs = 13-8 ]		
	[ Lymphoma Malignant TGLs = 13-8 ]		
	[ Nephropathy TGLs = 13-8 ]		
* Liver		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 8,9,10-3A+3B+3C ]		
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Axillary	Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 7-16B ]		
	[ Lymphoma Malignant TGLs = 3-16 ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 402

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900402

ORGAN AND ACCOUNTABLE SITE STATUS

[ Lymphoma Malignant	TGLs = 12-16D ]		
[ Lymphoma Malignant	TGLs = 11-16C ]		
[ Lymphoma Malignant	TGLs = 4-16A ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 6-10+10A ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 5-11 ]		
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 2-9 ]		
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Degeneration	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia	TGLs = 1-7 ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 403

TRT#: 1

SEX: Female

DAY ON TEST: 682

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900403

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Cerebellum
* Brain, Cerebrum	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain, Brain Stem		Compression	Mild
	[ Compression TGLs = 12-1A ]		
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver	Oval Cell	Hyperplasia	Moderate
		Infiltration Cellular	Lymphocyte, Mild
		Necrosis	Mild
	[ Hyperplasia TGLs = 7-3 ]		
	[ Infiltration Cellular TGLs = 7-3 ]		
	[ Necrosis TGLs = 7-3 ]		
* Lung		Inflammation	Chronic Active, Moderate
		Sarcoma	Metastatic (Skin)
	[ Sarcoma TGLs = 9,10,11-4A+4B+4C ]		
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Mild
	[ Hyperplasia TGLs = 8-16 ]		
* Mammary Gland	Alveolus	Hyperplasia	Marked
		Lactation	Moderate

Note: TGL 1 - Noted grossly as Mammary gland was Skin

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 403

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 682

**DOSE:** CONTROL WATER

**DISP:** Moribund Sacrifice

**HISTO:** 021420900403

**ORGAN AND ACCOUNTABLE SITE STATUS**

Note: TGL 2 - Noted grossly as Mammary gland was Skin

Note: TGL 3 - Noted grossly as Mammary gland was Skin

* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
		Cyst	Mild
	[ Cyst TGLs = 5-7A ]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLs = 13-9A ]		
* Skin		Sarcoma	
	[ Sarcoma TGLs = 1,2,3-2A+2B+2C ]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLs = 6-9 ]		
* Thymus			
	Note: WT attempted		
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLs = 4-7 ]		

PRIMARY CAUSE OF DEATH - Skin Sarcoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 404

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Fibrosis	Mild
* Clitoral Gland		Degeneration	Marked
* Intestine Small, Jejunum		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 3-11A ]		
* Kidney		Lymphoma Malignant	
* Liver		Infiltration Cellular	Lymphocyte, Mild
		Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Moderate
	[ Alveolar/Bronchiolar Adenoma TGLs = 5-4A ]	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Atrophy	Marked
		Cyst	Mild
	[ Cyst TGLs = 2-7A ]		
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 4-9B ]		
* Thymus		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 404

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900404

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Urinary Bladder

Infiltration Cellular

Lymphocyte, Mild

Lymphoma Malignant

\* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[ Hyperplasia TGLs = 1-7 ]

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 431

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

\* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node	Lumbar	Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 4-16 ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cyst	Mild
		Luteoma	
[ Cyst	TGLs = 2-7 ]		
[ Luteoma	TGLs = 2-7 ]		
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gland			
Note: RE attempted			
Note: TGL 5 - NCL			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

---

ANIMAL ID: 431

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900431

---

ORGAN AND ACCOUNTABLE SITE STATUS

---

[ Lymphoma Malignant TGLs = 3-9 ]

\* Thymus

Hyperplasia

Lymphoid, Minimal

\* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

\* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[ Hyperplasia TGLs = 1-7A ]

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 432

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Note: TGL 3 - NCL			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLs = 4-16 ]			
* Ovary		Atrophy	Marked
Note: TGL 2 - NCL			
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Thymus		Atrophy	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLs = 1-7A ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 433

TRT#: 3

SEX: Female

DAY ON TEST: 643

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900433

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                                     |                           |                             |                          |
|-------------------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla                   | * Blood Vessel            | * Bone Marrow               | * Bone, Femur            |
| * Brain, Brain Stem                 | * Brain, Cerebellum       | * Esophagus                 | * Eye                    |
| * Gallbladder                       | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Descending Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum          | * Islets, Pancreatic      | * Liver                     | * Lung                   |
| * Lymph Node, Mandibular            | * Mammary Gland           | * Pancreas                  | * Parathyroid Gland      |
| * Salivary Glands                   | * Stomach, Glandular      | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder                   |                           |                             |                          |

**OBSERVATIONS**

- |   |               |                                  |                     |
|---|---------------|----------------------------------|---------------------|
| * Adrenal Cortex                                | Subcapsular   | Hyperplasia                      | Mild                |
| * Brain, Cerebrum                               |               | Mineralization                   | Mild                |
| * Clitoral Gland                                |               | Degeneration                     | Moderate            |
| * Intestine Large, Ascending Colon              | Goblet Cell   | Hyperplasia                      | Minimal             |
| * Intestine Large, Transverse Colon             | Goblet Cell   | Hyperplasia                      | Minimal             |
| * Int Sm Duoden                                 |               |                                  |                     |
| Note: TGL 6 - NCL                               |               |                                  |                     |
| * Kidney  |               | Infiltration Cellular            | Lymphocyte, Minimal |
| * Liver   |               |                                  |                     |
| Note: TGL 4 - NCL                               |               |                                  |                     |
| * Lymph Node, Mesenteric                        |               | Angiectasis                      | Mild                |
|   |               | Hyperplasia                      | Lymphoid, Mild      |
| * Nose  |               | Hyaline Droplet                  | Minimal             |
| * Ovary   |               | Atrophy                          | Moderate            |
| * Pituitary Gland                               | Pars Distalis | Hyperplasia                      | Mild                |
| * Skin  |               | Fibrosarcoma                     |                     |
| [ Fibrosarcoma TGLs = 1-2A ]                    |               |                                  |                     |
| * Spleen  |               | Hematopoietic Cell Proliferation | Marked              |
| [ Hematopoietic Cell Proliferation TGLs = 3-9 ] |               |                                  |                     |
| * Stomach, Forestomach                          |               | Squamous Cell Papilloma          |                     |
| [ Squamous Cell Papilloma TGLs = 5-12A ]        |               |                                  |                     |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 433

TRT#: 3

SEX: Female

DAY ON TEST: 643

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900433

ORGAN AND ACCOUNTABLE SITE STATUS

\* Stom Gland

Note: TGL 7 - NCL

\* Thymus

\* Uterus

[ Hyperplasia TGLs = 2-7A ]

Endometrium

Atrophy

Hyperplasia

Moderate

Cystic, Mild

PRIMARY CAUSE OF DEATH

- Skin Fibrosarcoma



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 434

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Parenchyma	Degeneration	Marked
		Infiltration Cellular	Lymphocyte, Minimal
	[ Degeneration TGLs = 2-3A ]		
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Pigmentation	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Polyp Stromal	
	[ Hyperplasia TGLs = 1-7A ]		
	[ Polyp Stromal TGLs = 1-7A ]		

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 441

TRT#: 3

SEX: Female

DAY ON TEST: 667

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus	* Gallbladder
* Harderian Gland	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Degeneration	Marked
* Eye		Cataract	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Moderate
	[ Hyperplasia TGLs = 5-12A ]		
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Fibrous Histiocytoma	Metastatic (Skin)
		Hyperplasia	Lymphoid, Mild
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Fibrous Histiocytoma	
	[ Fibrous Histiocytoma TGLs = 1,2-2B+2A ]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLs = 3-9 ]		
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Degeneration	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 441

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 667

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900441

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Hyperplasia TGLs = 4-7 ]

---

**PRIMARY CAUSE OF DEATH** - Skin Fibrous Histiocytoma

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 442

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
* Liver		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 2-9 ]		
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus		Leiomyosarcoma	
	[ Leiomyosarcoma TGLs = 1-7A ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 443

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900443

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Thymus		Atrophy	Marked
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hyperplasia TGLs = 1-7 ]

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 444

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900444

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Mild
		Vacuolization Cytoplasmic	Minimal
Note: TGL 4 - NCL			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery		Angiectasis	Moderate
	Fat	Necrosis	Moderate
[ Angiectasis TGLs = 3-10 ]			
[ Necrosis TGLs = 3-10 ]			
* Ovary		Atrophy	Marked
* Pancreas			
Note: TGL 3 - Noted grossly as Pancreas was Mesentery			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

---

ANIMAL ID: 444

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900444

---

ORGAN AND ACCOUNTABLE SITE STATUS

---

[ Hematopoietic Cell Proliferation TGLs = 2-9 ]

[ Hyperplasia TGLs = 2-9 ]

\* Thymus

Note: No RC per pathologist

\* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[ Hyperplasia TGLs = 1-7 ]

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 471

TRT#: 2

SEX: Female

DAY ON TEST: 637

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLs = 2-3A ]		
* Lung		Infiltration Cellular	Histiocyte, Mild
* Ovary		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Lymphoid, Mild
	[ Hematopoietic Cell Proliferation TGLs = 1-9 ]		
	[ Hyperplasia TGLs = 1-9 ]		
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 472

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Brain Stem			
Note: TGL 3 - NCL			
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 5-11 ]			
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLs = 4-9A ]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 2-9 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLs = 1-7 ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 473

TRT#: 2

SEX: Female

DAY ON TEST: 569

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Moderate
* Eye		Phthisis Bulbi	Marked
	[ Phthisis Bulbi TGLs = 4-13 ]		
* Harderian Gland	Bilateral	Adenoma	
	[ Adenoma TGLs = 3,5-13 ]		
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLs = 2-3 ]	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Moderate
* Ovary		Atrophy	Moderate
		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Mild
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Stom Forestom			

Note: TGL 6 - NCL

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 473

TRT#: 2

SEX: Female

DAY ON TEST: 569

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900473

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Hyperplasia	Lymphoid, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia	TGLs = 1-7 ]		

PRIMARY CAUSE OF DEATH - Harderian Gland Bilateral Adenoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 474

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900474

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                             |                                     |                            |                                     |
|-----------------------------|-------------------------------------|----------------------------|-------------------------------------|
| * Adrenal Medulla           | * Blood Vessel                      | * Bone Marrow              | * Bone, Femur                       |
| * Brain, Brain Stem         | * Brain, Cerebellum                 | * Esophagus                | * Eye                               |
| * Gallbladder               | * Harderian Gland                   | * Heart                    | * Intestine Large, Ascending Colon  |
| * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  | * Intestine Large, Transverse Colon |
| * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum | * Lung                              |
| * Lymph Node, Mandibular    | * Lymph Node, Mesenteric            | * Mammary Gland            | * Pancreas                          |
| * Parathyroid Gland         | * Skin                              | * Stomach, Forestomach     | * Stomach, Glandular                |
| * Thymus                    | * Trachea                           | * Urinary Bladder          |                                     |

**OBSERVATIONS**

- |                      |               |                           |                     |
|----------------------|---------------|---------------------------|---------------------|
| * Adrenal Cortex     | Subcapsular   | Hyperplasia               | Mild                |
| * Brain, Cerebrum    |               | Mineralization            | Minimal             |
| * Clitoral Gland     |               | Degeneration              | Marked              |
| * Islets, Pancreatic |               | Hyperplasia               | Mild                |
| * Kidney             |               | Infiltration Cellular     | Lymphocyte, Minimal |
| * Liver              |               | Vacuolization Cytoplasmic | Minimal             |
| * Nose               |               | Hyaline Droplet           | Minimal             |
| * Ovary              |               | Atrophy                   | Marked              |
| * Pituitary Gland    | Pars Distalis | Hyperplasia               | Mild                |
| * Salivary Glands    |               | Infiltration Cellular     | Lymphocyte, Minimal |
| * Spleen             |               | Hyperplasia               | Lymphoid, Mild      |
|                      |               | Pigmentation              | Mild                |
| * Thyroid Gland      | Follicle      | Degeneration              | Minimal             |
| * Uterus             | Endometrium   | Hyperplasia               | Cystic, Marked      |

[ Hyperplasia TGLs = 1-7A ]

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 481

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900481

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Ovary		Atrophy	Marked
		Cyst	Mild
[ Cyst TGLs = 2-7A ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLs = 1-7 ]			

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 482

TRT#: 2

SEX: Female

DAY ON TEST: 637

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocholangiocarcinoma	
		Vacuolization Cytoplasmic	Mild
	[ Hepatocholangiocarcinoma TGLs = 5-3A ]		
* Lung		Hepatocholangiocarcinoma	Metastatic (Liver)
	[ Hepatocholangiocarcinoma TGLs = 6-4 ]		
Lymph Node	Mediastinal	Hepatocholangiocarcinoma	Metastatic (Liver)
	[ Hepatocholangiocarcinoma TGLs = 7-16B ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
Mesentery	Fat	Necrosis	Moderate
	[ Necrosis TGLs = 2,3-16+16A ]		
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Skeletal Muscle		Hepatocholangiocarcinoma	Metastatic (Liver)
	[ Hepatocholangiocarcinoma TGLs = 8-16C ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLs = 1-9 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 482

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 637

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900482

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Uterus

Endometrium

Hyperplasia

Cystic, Marked

[ Hyperplasia TGLs = 4-7 ]

---

**PRIMARY CAUSE OF DEATH** - Liver Hepatocholangiocarcinoma

---

Animal Note: TGL 7 - Noted grossly as Cavity, mediastinum was Lymph node, mediastinal

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 483

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                                     |                           |                             |                          |
|-------------------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla                   | * Blood Vessel            | * Bone Marrow               | * Bone, Femur            |
| * Brain, Brain Stem                 | * Brain, Cerebellum       | * Esophagus                 | * Eye                    |
| * Gallbladder                       | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Descending Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum          | * Islets, Pancreatic      | * Liver                     | * Mammary Gland          |
| * Pancreas                          | * Pituitary Gland         | * Salivary Glands           | * Skin                   |
| * Stomach, Forestomach              | * Stomach, Glandular      | * Thymus                    | * Thyroid Gland          |
| * Trachea                           |                           |                             |                          |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |                                     |  |                                  |                     |
|-------------------------------------|--|----------------------------------|---------------------|
| * Adrenal Cortex                    | Subcapsular                                    | Hyperplasia                      | Mild                |
| * Brain, Cerebrum                   |  | Mineralization                   | Minimal             |
| * Clitoral Gland                    |  | Degeneration                     | Marked              |
| * Intestine Large, Ascending Colon  | Goblet Cell                                    | Hyperplasia                      | Minimal             |
| * Intestine Large, Transverse Colon | Goblet Cell                                    | Hyperplasia                      | Minimal             |
| * Kidney                            |  | Infiltration Cellular            | Lymphocyte, Minimal |
| * Lung                              |  | Alveolar/Bronchiolar Carcinoma   |                     |
|                                     | [ Alveolar/Bronchiolar Carcinoma TGLs = 2-4A ] |                                  |                     |
| * Lymph Node, Mandibular            |  | Hyperplasia                      | Lymphoid, Minimal   |
| * Lymph Node, Mesenteric            |  | Hyperplasia                      | Lymphoid, Mild      |
| * Nose                              |  | Hyaline Droplet                  | Minimal             |
| * Ovary                             |  | Atrophy                          | Marked              |
| * Parathyroid GI                    |  |                                  |                     |
|                                     | Note: No RC per pathologist; tissue too thin   |                                  |                     |
| * Spleen                            |  | Hematopoietic Cell Proliferation | Mild                |
| * Urinary Bladder                   |  | Infiltration Cellular            | Lymphocyte, Minimal |
| * Uterus                            | Endometrium                                    | Hyperplasia                      | Cystic, Moderate    |
|                                     | [ Hyperplasia TGLs = 1-7 ]                     |                                  |                     |

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 484

TRT#: 2

SEX: Female

DAY ON TEST: 695

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Histiocytic Sarcoma	
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Histiocytic Sarcoma	
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Kidney		Histiocytic Sarcoma	
		Hyaline Droplet	Moderate
* Liver		Histiocytic Sarcoma	
		Inflammation	Chronic Active, Marked
		Necrosis	Moderate
	[ Histiocytic Sarcoma TGLs = 5-3 ]		
* Lung		Histiocytic Sarcoma	
Lymph Node	Pancreatic	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
	Lumbar	Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLs = 2-16 ]		
	[ Histiocytic Sarcoma TGLs = 7-16C ]		
	[ Histiocytic Sarcoma TGLs = 6-16B ]		
	[ Histiocytic Sarcoma TGLs = 4-16A ]		
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 484

TRT#: 2

SEX: Female

DAY ON TEST: 695

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900484

ORGAN AND ACCOUNTABLE SITE STATUS

[ Histiocytic Sarcoma TGLs = 8-11 ]

* Ovary		Atrophy	Marked
* Pancreas		Histiocytic Sarcoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Histiocytic Sarcoma	
* Spleen		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLs = 3-9 ]			
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Histiocytic Sarcoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLs = 1-7A ]			

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 521

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Skin	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Lymphoma Malignant	
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 3-16 ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Nose		Hyaline Droplet	Minimal
* Ovary		Cystadenoma	
	[ Cystadenoma TGLs = 1-7A ]	Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 521

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900521

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Hyperplasia TGLs = 2-7 ]

[ Lymphoma Malignant TGLs = 2-7 ]

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 522

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Kidney		Metaplasia	Osseous, Mild
		Nephropathy	Minimal
* Lung			
Note: TGL 4 - NCL			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Lactation	Mild
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
		Cyst	Marked
[ Cyst TGLs = 2-7A ]			
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLs = 3-9A ]			
* Spleen		Lymphoma Malignant	
* Thymus		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLs = 1-7 ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 523

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Brain, Cerebrum		Mineralization	Mild
* Clitoral Gland		Degeneration	Marked
* Kidney		Metaplasia	Osseous, Mild
		Nephropathy	Mild
Lymph Node	Pancreatic	Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 3-16 ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
		Cyst	Marked
[ Cyst TGLs = 1-7A+7B ]			
* Pancreas		Lymphoma Malignant	
Note: Also located on slide 16			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 4-9 ]			
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLs = 2-7 ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 524

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

\* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gl			
Note: RC/WT attempted			
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Lung			
Note: TGL 3 - NCL			
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
Note: TGL 1 - NCL			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Polyp Stromal	

[ Hyperplasia TGLs = 2-7 ]

[ Polyp Stromal TGLs = 2-7 ]

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 531

TRT#: 4

SEX: Female

DAY ON TEST: 674

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Lung		Lymphoma Malignant	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
	[ Hyperplasia TGLs = 5-11 ]		
* Mammary Gland	Alveolus	Hyperplasia	Moderate
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin		Fibrosarcoma	
	[ Fibrosarcoma TGLs = 1-2A ]		
* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 2,3-9+9B ]		
* Stomach, Forestomach		Squamous Cell Papilloma	
	[ Squamous Cell Papilloma TGLs = 7-12A ]		
* Thymus		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 6-10 ]		
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLs = 4-7 ]		

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 532

TRT#: 4

SEX: Female

DAY ON TEST: 547

DOSE: ALOEWHOLLEAF 3.0

DISP: Natural Death

HISTO: 021420900532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Esophagus	* Harderian Gland	* Intestine Large, Ascending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Islets, Pancreatic	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Forestomach	* Stomach, Glandular

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Leukemia	Mild
* Bone Marrow		Leukemia	
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Moderate
* Heart		Leukemia	
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Leukemia	
* Liver		Leukemia	
	[ Leukemia TGLs = 4-3 ]		
* Lung		Leukemia	
Lymph Node	Renal	Leukemia	
	Lumbar	Leukemia	
	[ Leukemia TGLs = 5-16A ]		
	[ Leukemia TGLs = 3-16 ]		
* Lymph Node, Mandibular		Leukemia	
	[ Leukemia TGLs = 6-10A ]		
* Lymph Node, Mesenteric		Leukemia	
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Mild
* Pituitary Gland		Leukemia	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 532

TRT#: 4

SEX: Female

DAY ON TEST: 547

DOSE: ALOEWHOLLEAF 3.0

DISP: Natural Death

HISTO: 021420900532

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia	
[ Leukemia TGLs = 1-9A ]			
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLs = 2-7A ]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia

CONTRIBUTORY CAUSE OF DEATH - Bone Marrow Leukemia

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 533

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Ovary		Atrophy	Marked
* Spleen		Pigmentation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hyperplasia TGLs = 1-7A ]

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 534

TRT#: 4

SEX: Female

DAY ON TEST: 577

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hemangiosarcoma	
* Clitoral Gland		Degeneration	Mild
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Minimal
	[ Hemangiosarcoma TGLs = 6-3A ]		
Lymph Node	Renal	Hemorrhage	Marked
	Lumbar	Hemorrhage	Mild
	Lumbar	Hyperplasia	Lymphoid, Mild
	[ Hemorrhage TGLs = 7-16B ]		
	[ Hemorrhage TGLs = 5-16A ]		
	[ Hyperplasia TGLs = 5-16A ]		
* Lymph Node, Mesenteric		Hemorrhage	Marked
	[ Hemorrhage TGLs = 8-11 ]		
* Mammary GI			
Note: TGL 1 - Noted grossly as Mammary gland was Skin			
Mesentery	Fat	Necrosis	Marked
	[ Necrosis TGLs = 2-16 ]		
* Ovary		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 534

TRT#: 4

SEX: Female

DAY ON TEST: 577

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900534

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Hemangiosarcoma	
	[ Hemangiosarcoma TGLs = 1-2A ]		
* Spleen		Hemangiosarcoma	
	[ Hemangiosarcoma TGLs = 3,4-9+9A ]		
* Thymus		Atrophy	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Spleen Hemangiosarcoma

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 561

TRT#: 4

SEX: Female

DAY ON TEST: 673

DOSE: ALOEWHOLLEAF 3.0

DISP: Natural Death

HISTO: 021420900561

ORGAN AND ACCOUNTABLE SITE STATUS

MISSING

\* Esophagus  
\* Trachea  
\* Parathyroid Gland  
\* Thymus  
\* Thyroid Gland

AUTO PRECLUDES DIAG.

\* Adrenal Cortex  
\* Bone, Femur  
\* Clitoral Gland  
\* Heart  
\* Intestine Large, Rectum  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Ovary  
\* Skin  
\* Urinary Bladder  
\* Adrenal Medulla  
\* Brain, Brain Stem  
\* Eye  
\* Intestine Large, Ascending Colon  
\* Intestine Large, Transverse Colon  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Pancreas  
\* Spleen  
\* Uterus  
\* Blood Vessel  
\* Brain, Cerebellum  
\* Gallbladder  
\* Intestine Large, Cecum  
\* Intestine Small, Duodenum  
\* Kidney  
\* Mammary Gland  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Bone Marrow  
\* Brain, Cerebrum  
\* Harderian Gland  
\* Intestine Large, Descending Colon  
\* Intestine Small, Ileum  
\* Lung  
\* Nose  
\* Salivary Glands  
\* Stomach, Glandular

OBSERVATIONS

\* Esophagus  
Note: RC attempted  
\* Liver

Autolysis  
Hepatocellular Adenoma  
Hepatocellular Carcinoma  
Marked

[ Hepatocellular Adenoma TGLs = 3-3B ]  
[ Hepatocellular Carcinoma TGLs = 2-3A ]

\* Parathyroid GI  
Note: RC/WT attempted  
\* Thymus  
Note: No RC per pathologist  
\* Thyroid GI  
Note: RC/WT attempted  
\* Trachea  
Note: RC/WT attempted  
\* Uterus

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 561

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 673

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Natural Death

**HISTO:** 021420900561

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Note: TGL 1 - NCL

---

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

---





**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 562

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 723

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Natural Death

**HISTO:** 021420900562

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

- Uterus Histiocytic Sarcoma

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

**ANIMAL ID:** 563

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900563

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

**MISSING**

\* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Marked
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
* Urin Bladder			
Note: WT attempted			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLs = 1-7 ]

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016

Time Report Requested: 15:28:26

First Dose M/F: 04/27/05 / 04/27/05

Lab: NCTR

ANIMAL ID: 564

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900564

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Moderate
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Vacuolization Cytoplasmic	Minimal
* Lym Node Mand			
Note: TGL 2 - NCL			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland	Follicle	Degeneration	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLs = 1-7 ]

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 591

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 2-12A ]			
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 3-11 ]			
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 1-9 ]			
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 592

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Cecum		Lymphoma Malignant	
* Intestine Small, Ileum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Infiltration Cellular	Histiocyte, Moderate
		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Axillary	Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 5-16A ]		
	[ Lymphoma Malignant TGLs = 6-16B ]		
	[ Lymphoma Malignant TGLs = 9-16D ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 1-10+10A ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Hemorrhage	Marked
	Fat	Lymphoma Malignant	
	[ Hemorrhage TGLs = 7-16C ]	Necrosis	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 592

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900592

ORGAN AND ACCOUNTABLE SITE STATUS

[ Lymphoma Malignant TGLs = 7-16C ]		
[ Necrosis TGLs = 4-16 ]		
* Ovary	Atrophy	Marked
* Pancreas	Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 2-9 ]		
* Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 8-10B ]		
* Thyroid Gland	Follicle	Mild
* Uterus	Endometrium	Cystic, Marked
[ Hyperplasia TGLs = 3-7A ]		

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 593

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900593

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLs = 2-16 ]			
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 3-9 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLs = 1-7 ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 594

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900594

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Mammary Gland	* Nose	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic Active, Moderate
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Moderate
Note: TGL 12 - NCL			
	[ Hematopoietic Cell Proliferation TGLs = 8-3 ]		
	[ Hepatocellular Adenoma TGLs = 9-3A ]		
	[ Infiltration Cellular TGLs = 8-3 ]		
	[ Inflammation TGLs = 8-3 ]		
	[ Pigmentation TGLs = 8-3 ]		
	[ Vacuolization Cytoplasmic TGLs = 8-3 ]		
* Lung		Inflammation	Chronic Active, Mild
Lymph Node	Renal	Infiltration Cellular	Polymorphnuclr, Mild
	Renal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 594

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900594

ORGAN AND ACCOUNTABLE SITE STATUS

[ Infiltration Cellular TGLs = 2-16B ]		
[ Lymphoma Malignant TGLs = 2-16B ]		
[ Lymphoma Malignant TGLs = 7-16 ]		
[ Lymphoma Malignant TGLs = 1-16A ]		
* Lymph Node, Mandibular	Hyperplasia Infiltration Cellular	Lymphoid, Minimal Polymorphnuclr, Mild
* Lymph Node, Mesenteric	Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 10-11 ]		
Mesentery Fat	Necrosis	Marked
[ Necrosis TGLs = 3-16C ]		
* Ovary	Atrophy	Marked
* Pancreas Acinus	Degeneration	Marked
Note: Located on slide 16		
* Pituitary Gland Pars Distalis	Adenoma	
[ Adenoma TGLs = 11-9A ]		
* Salivary Glands	Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Hemangiosarcoma Hematopoietic Cell Proliferation	Marked
	Lymphoma Malignant	
	Thrombus	Marked
[ Hemangiosarcoma TGLs = 4,6-9B+9+9C ]		
[ Hematopoietic Cell Proliferation TGLs = 4,6-9B+9+9C ]		
[ Lymphoma Malignant TGLs = 4,6-9B+9+9C ]		
[ Thrombus TGLs = 5-9C ]		
* Thymus	Hyperplasia	Lymphoid, Mild
* Urinary Bladder	Infiltration Cellular	Lymphocyte, Minimal
* Uterus Endometrium	Hyperplasia	Cystic, Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 611

TRT#: 2

SEX: Female

DAY ON TEST: 695

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Lymphoma Malignant	
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Kidney		Lymphoma Malignant	
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 8-16B ]		
	[ Lymphoma Malignant TGLs = 7-16A ]		
	[ Lymphoma Malignant TGLs = 6-16 ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 1-10+10A ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Atrophy	Marked
		Cyst	Marked
		Lymphoma Malignant	
	[ Cyst TGLs = 2,3-7 ]		
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 611

TRT#: 2

SEX: Female

DAY ON TEST: 695

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900611

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 5-9 ]		
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLs = 4-7A ]		

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 612

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
Mesentery	Fat	Necrosis	Moderate
	[ Necrosis TGLs = 3-16 ]		
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
	[ Cyst TGLs = 1-7 ]	Cyst	Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hemangiosarcoma	
	[ Hemangiosarcoma TGLs = 4-9 ]	Hyperplasia	Lymphoid, Moderate
	[ Hyperplasia TGLs = 4-9 ]		
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLs = 2-7 ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 613

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900613

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Harderian Gland	* Lymph Node, Mesenteric
-------------------	--------------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Harderian Gland			
Note: RC/WT attempted			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
		Vacuolization Cytoplasmic	Moderate
[ Hepatocellular Carcinoma TGLs = 4-3A ]			
* Lym Node Mesen			
Note: WT attempted			
* Ovary		Atrophy	Marked
		Cyst	Marked
[ Cyst TGLs = 3-7 ]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Marked
[ Hyperplasia TGLs = 1-9 ]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Keratin Cyst	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 613

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900613

ORGAN AND ACCOUNTABLE SITE STATUS

[ Hyperplasia	TGLs = 6-12B ]			
[ Keratin Cyst	TGLs = 5-12A ]			
* Thymus			Hyperplasia	Lymphoid, Mild
* Uterus		Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia	TGLs = 2-7A ]			

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 614

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900614

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                                     |                           |                             |
|--------------------------|-------------------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla        | * Blood Vessel                      | * Bone Marrow             | * Bone, Femur               |
| * Brain, Brain Stem      | * Brain, Cerebellum                 | * Brain, Cerebrum         | * Esophagus                 |
| * Eye                    | * Gallbladder                       | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Descending Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum          | * Islets, Pancreatic      | * Lung                      |
| * Mammary Gland          | * Nose                              | * Pancreas                | * Pituitary Gland           |
| * Skin                   | * Stomach, Forestomach              | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        |                                     |                           |                             |

**MISSING**

- \* Lymph Node, Mandibular

**OBSERVATIONS**

- |                                     |             |                           |                     |
|-------------------------------------|-------------|---------------------------|---------------------|
| * Adrenal Cortex                    | Subcapsular | Hyperplasia               | Mild                |
| * Clitoral Gland                    |             | Degeneration              | Marked              |
| * Intestine Large, Ascending Colon  | Goblet Cell | Hyperplasia               | Minimal             |
| * Intestine Large, Transverse Colon | Goblet Cell | Hyperplasia               | Minimal             |
| * Kidney                            |             | Nephropathy               | Minimal             |
| * Liver                             |             | Infiltration Cellular     | Lymphocyte, Minimal |
|                                     |             | Tension Lipidosis         | Mild                |
|                                     |             | Vacuolization Cytoplasmic | Mild                |
| * Lym Node Mand                     |             |                           |                     |
| Note: RC attempted                  |             |                           |                     |
| * Lymph Node, Mesenteric            |             | Hyperplasia               | Lymphoid, Mild      |
| Mesentery                           | Fat         | Necrosis                  | Marked              |
| [ Necrosis TGLs = 1-16 ]            |             |                           |                     |
| * Ovary                             |             | Atrophy                   | Marked              |
| * Parathyroid Gland                 |             | Cyst                      | Minimal             |
| * Pituitary Gland                   |             |                           |                     |
| Note: TGL 3 - NCL                   |             |                           |                     |
| * Salivary Glands                   |             | Infiltration Cellular     | Lymphocyte, Minimal |
| * Spleen                            |             | Hyperplasia               | Lymphoid, Moderate  |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 614

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900614

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular [ Hyperplasia TGLs = 4-12A ]	Epithelium	Hyperplasia	Moderate
* Stom Forestom Note: TGL 4 - Noted grossly as Stomach, forestomach was Stomach, glandular			
* Thymus		Atrophy	Minimal
* Uterus [ Hyperplasia TGLs = 2-7A ]	Endometrium	Hyperplasia	Cystic, Moderate



Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 631

TRT#: 2

SEX: Female

DAY ON TEST: 392

DOSE: ALOEWHOLLEAF 1.0

DISP: Moribund Sacrifice

HISTO: 021420900631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Moderate
* Lung		Inflammation	Chronic, Minimal
		Metaplasia	Osseous, Minimal
* Thyroid Gland		Ectopic Thymus	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLs = 1-7 ]

PRIMARY CAUSE OF DEATH - UNCERTAIN

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 632

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900632

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Ovary		Atrophy	Marked
* Pancreas		Vacuolization Cytoplasmic	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Hyperplasia	Lymphoid, Moderate
* Urinary Bladder		Degeneration	Minimal
* Uterus	Endometrium	Infiltration Cellular	Lymphocyte, Minimal
		Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLs = 1-7A ]

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 633

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Vacuolization Cytoplasmic	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLs = 1-16 ]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLs = 3-9A ]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
[ Hyperplasia TGLs = 2-6 ]			
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 633

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900633

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Uterus

[ Hyperplasia TGLs = 4-7A ]

Endometrium

Hyperplasia

Cystic, Moderate

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 634

TRT#: 2

SEX: Female

DAY ON TEST: 719

DOSE: ALOEWHOLLEAF 1.0

DISP: Natural Death

HISTO: 021420900634

**ORGAN AND ACCOUNTABLE SITE STATUS**

**AUTO PRECLUDES DIAG.**

- |                                     |                            |                                     |                             |
|-------------------------------------|----------------------------|-------------------------------------|-----------------------------|
| * Adrenal Cortex                    | * Adrenal Medulla          | * Blood Vessel                      | * Bone Marrow               |
| * Bone, Femur                       | * Brain, Brain Stem        | * Brain, Cerebellum                 | * Brain, Cerebrum           |
| * Clitoral Gland                    | * Esophagus                | * Eye                               | * Gallbladder               |
| * Harderian Gland                   | * Heart                    | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    |
| * Intestine Large, Descending Colon | * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum |
| * Intestine Small, Ileum            | * Intestine Small, Jejunum | * Islets, Pancreatic                | * Kidney                    |
| * Liver                             | * Lung                     | * Lymph Node, Mandibular            | * Mammary Gland             |
| * Nose                              | * Pancreas                 | * Parathyroid Gland                 | * Pituitary Gland           |
| * Salivary Glands                   | * Skin                     | * Spleen                            | * Stomach, Forestomach      |
| * Stomach, Glandular                | * Thyroid Gland            | * Trachea                           | * Urinary Bladder           |
| * Uterus                            |                            |                                     |                             |

**OBSERVATIONS**

- \* Int Sm Duoden  
Note: TGL 8 - NCL
- \* Int Sm Ileum  
Note: TGL 8 - NCL
- \* Int Sm Jejunum  
Note: TGL 8 - NCL
- \* Kidney  
Note: TGL 3 - NCL
- \* Lym Node Mand  
Note: TGL 1 - NCL

Lymph Node

Renal  
Lumbar

Lymphoma Malignant  
Lymphoma Malignant

[ Lymphoma Malignant TGLs = 5-16 ]  
 [ Lymphoma Malignant TGLs = 6-16A ]

- \* Lymph Node, Mesenteric  
[ Lymphoma Malignant TGLs = 4-11 ]

Lymphoma Malignant

- \* Ovary

Cyst  
Lymphoma Malignant

Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 634

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 719

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Natural Death

**HISTO:** 021420900634

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Cyst TGLs = 2-7 ]

\* Thymus

Lymphoma Malignant

[ Lymphoma Malignant TGLs = 7-10 ]

---

PRIMARY CAUSE OF DEATH

- Thymus Lymphoma Malignant

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 691

TRT#: 3

SEX: Female

DAY ON TEST: 603

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900691

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                                     |                             |                                     |                            |
|-------------------------------------|-----------------------------|-------------------------------------|----------------------------|
| * Adrenal Medulla                   | * Blood Vessel              | * Bone Marrow                       | * Bone, Femur              |
| * Brain, Brain Stem                 | * Brain, Cerebellum         | * Brain, Cerebrum                   | * Esophagus                |
| * Eye                               | * Gallbladder               | * Harderian Gland                   | * Heart                    |
| * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Liver                             | * Lung                      | * Lymph Node, Mandibular            | * Mammary Gland            |
| * Nose                              | * Pancreas                  | * Parathyroid Gland                 | * Pituitary Gland          |
| * Salivary Glands                   | * Stomach, Forestomach      | * Stomach, Glandular                | * Thyroid Gland            |
| * Trachea                           |                             |                                     |                            |

**MISSING**

- \* Lymph Node, Mesenteric

**OBSERVATIONS**

- |                              |             |                       |                     |
|------------------------------|-------------|-----------------------|---------------------|
| * Adrenal Cortex             | Subcapsular | Hyperplasia           | Mild                |
| * Clitoral Gland             |             | Degeneration          | Marked              |
| * Islets, Pancreatic         |             | Hyperplasia           | Mild                |
| Note: Located on slide 11    |             |                       |                     |
| * Kidney                     |             | Nephropathy           | Minimal             |
| * Lym Node Mesen             |             |                       |                     |
| Note: WT attempted           |             |                       |                     |
| * Ovary                      |             | Atrophy               | Moderate            |
| * Pancreas                   |             |                       |                     |
| Note: Located on slide 11    |             |                       |                     |
| * Skin                       |             | Fibrosarcoma          |                     |
| [ Fibrosarcoma TGLs = 3-2A ] |             |                       |                     |
| * Spleen                     |             | Hyperplasia           | Lymphoid, Moderate  |
| [ Hyperplasia TGLs = 2-9 ]   |             |                       |                     |
| * Thymus                     |             | Atrophy               | Moderate            |
| * Urinary Bladder            |             | Infiltration Cellular | Lymphocyte, Minimal |
| * Uterus                     | Endometrium | Hyperplasia           | Cystic, Marked      |
| [ Hyperplasia TGLs = 1-7 ]   |             |                       |                     |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 691

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 603

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900691

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

- Skin Fibrosarcoma

---



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 692

TRT#: 3

SEX: Female

DAY ON TEST: 630

DOSE: ALOEWHOLLEAF 2.0

DISP: Natural Death

HISTO: 021420900692

ORGAN AND ACCOUNTABLE SITE STATUS

AUTO PRECLUDES DIAG.

- |                                     |                             |                                     |                            |
|-------------------------------------|-----------------------------|-------------------------------------|----------------------------|
| * Adrenal Cortex                    | * Adrenal Medulla           | * Blood Vessel                      | * Bone Marrow              |
| * Brain, Brain Stem                 | * Brain, Cerebellum         | * Brain, Cerebrum                   | * Clitoral Gland           |
| * Esophagus                         | * Eye                       | * Gallbladder                       | * Harderian Gland          |
| * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Islets, Pancreatic                | * Lymph Node, Mandibular    | * Lymph Node, Mesenteric            | * Mammary Gland            |
| * Nose                              | * Ovary                     | * Pancreas                          | * Parathyroid Gland        |
| * Pituitary Gland                   | * Salivary Glands           | * Skin                              | * Spleen                   |
| * Stomach, Forestomach              | * Stomach, Glandular        | * Thyroid Gland                     | * Trachea                  |
| * Urinary Bladder                   | * Uterus                    |                                     |                            |

OBSERVATIONS

- |               |  |              |                          |
|---------------|--|--------------|--------------------------|
| * Bone, Femur |  | Osteosarcoma |                          |
|               | [ Osteosarcoma TGLs = 16-15 ]                          |              |                          |
| * Heart       |  | Osteosarcoma | Metastatic (Bone, Femur) |
|               | [ Osteosarcoma TGLs = 14-2 ]                           |              |                          |
| * Kidney      |  | Osteosarcoma | Metastatic (Bone, Femur) |
|               | [ Osteosarcoma TGLs = 15-8 ]                           |              |                          |
| * Liver       |  | Osteosarcoma | Metastatic (Bone, Femur) |
|               | [ Osteosarcoma TGLs = 4,5,6,7,8-3A+3B+3C+3D+3E ]       |              |                          |
| * Lung        |  | Osteosarcoma | Metastatic (Bone, Femur) |
|               | [ Osteosarcoma TGLs = 9,10,11,12,13,18-4+4A+4B+4C+4D ] |              |                          |
| Lymph Node    | Inguinal   | Osteosarcoma | Metastatic (Bone, Femur) |
|               | [ Osteosarcoma TGLs = 3-16B ]                          |              |                          |
| Mesentery     |  | Osteosarcoma | Metastatic (Bone, Femur) |
|               | [ Osteosarcoma TGLs = 1,2-16+16A ]                     |              |                          |
| * Thymus      |  | Osteosarcoma | Metastatic (Bone, Femur) |
|               | [ Osteosarcoma TGLs = 19-10 ]                          |              |                          |

Note: TGL 17 - NCL

PRIMARY CAUSE OF DEATH - Bone, Femur Osteosarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 692

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 630

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Natural Death

**HISTO:** 021420900692

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Animal Note: TGL 2 - Noted grossly as Cavity, abdominal was Mesentery

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 693

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Nose	* Pancreas
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Moderate
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 3-3A ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
* Ovary		Atrophy	Marked
* Parathyroid Gland			
	Note: RC attempted		
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLs = 4-9A ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 693

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900693

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Lymphoma Malignant TGLs = 2-9 ]

\* Thymus

Lymphoma Malignant

\* Urinary Bladder

Infiltration Cellular

Lymphocyte, Mild

\* Uterus

Endometrium

Hyperplasia

Cystic, Mild

[ Hyperplasia TGLs = 1-7A ]

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 694

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Pancreas
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Atrophy	Marked
		Cyst	Minimal
[ Cyst TGLs = 4-7 ]			
* Parathyroid Gland			
Note: RC attempted			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLs = 3-9A ]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
* Spleen		Hyperplasia	Lymphoid, Marked
[ Hyperplasia TGLs = 2-9 ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 694

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900694

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Hyperplasia	Mild
* Thymus		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Polyp Stromal	
	[ Hyperplasia TGLs = 1-7 ]		
	[ Polyp Stromal TGLs = 1-7 ]		

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 711

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Lymphocyte, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Atrophy	Marked
		Cyst	Marked
	[ Cyst TGLs = 2-7 ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Lymphoma Malignant	
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLs = 1-7A ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 712

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Mild Marked
* Brain, Brain Stem		Compression	Moderate
[ Compression TGLs = 8-1A ]			
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node	Lumbar	Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 6-16 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Atrophy Cyst	Marked Marked
[ Cyst TGLs = 1-7A ]			
* Pancreas	Duct	Dilatation	Marked
[ Dilatation TGLs = 4-10A ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLs = 7-9A ]			
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 3-9 ]			
* Thymus		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 712

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900712

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland [ Hyperplasia TGLs = 5-6 ]	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus [ Hemangioma TGLs = 2-7 ] [ Hyperplasia TGLs = 2-7 ]	Endometrium	Hemangioma Hyperplasia	Cystic, Marked

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 713

TRT#: 3

SEX: Female

DAY ON TEST: 570

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900713

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                                     |                                    |                                     |                            |
|-------------------------------------|------------------------------------|-------------------------------------|----------------------------|
| * Adrenal Medulla                   | * Blood Vessel                     | * Bone, Femur                       | * Brain, Brain Stem        |
| * Brain, Cerebellum                 | * Brain, Cerebrum                  | * Esophagus                         | * Eye                      |
| * Heart                             | * Intestine Large, Ascending Colon | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum        | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Nose                              | * Pituitary Gland                  | * Skin                              | * Stomach, Forestomach     |
| * Stomach, Glandular                | * Thyroid Gland                    | * Trachea                           |                            |

**MISSING**

- \* Parathyroid Gland

**OBSERVATIONS**

- |                                      |        |                    |          |
|--------------------------------------|--------|--------------------|----------|
| * Adrenal Cortex                     |        | Lymphoma Malignant |          |
| * Bone Marrow                        |        | Hyperplasia        | Moderate |
| * Clitoral Gland                     |        | Degeneration       | Marked   |
| [ Degeneration TGLs = 2-7A ]         |        |                    |          |
| * Gallbladder                        |        | Lymphoma Malignant |          |
| * Harderian Gland                    |        | Lymphoma Malignant |          |
| * Intestine Large, Cecum             |        | Lymphoma Malignant |          |
| * Islets, Pancreatic                 |        | Lymphoma Malignant |          |
| * Kidney                             |        | Lymphoma Malignant |          |
| * Liver                              |        | Lymphoma Malignant |          |
|                                      |        | Necrosis           | Mild     |
| [ Lymphoma Malignant TGLs = 9,10-3 ] |        |                    |          |
| * Lung                               |        | Lymphoma Malignant |          |
| Lymph Node                           | Renal  | Lymphoma Malignant |          |
|                                      | Lumbar | Lymphoma Malignant |          |
| [ Lymphoma Malignant TGLs = 6-16A ]  |        |                    |          |
| [ Lymphoma Malignant TGLs = 11-16 ]  |        |                    |          |
| * Lymph Node, Mandibular             |        | Lymphoma Malignant |          |
| [ Lymphoma Malignant TGLs = 3-10 ]   |        |                    |          |
| * Lymph Node, Mesenteric             |        | Lymphoma Malignant |          |
| [ Lymphoma Malignant TGLs = 8-11 ]   |        |                    |          |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 713

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 570

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900713

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Mammary Gland		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 1-2A ]		
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Parathyroid GI			
	Note: No RC per pathologist		
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
		Necrosis	Marked
	[ Lymphoma Malignant TGLs = 4-9A ]		
	[ Necrosis TGLs = 5-9B ]		
* Thymus		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 12-10A ]		
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Lymphoma Malignant	
	[ Hyperplasia TGLs = 7-7 ]		
	[ Lymphoma Malignant TGLs = 7-7 ]		

**PRIMARY CAUSE OF DEATH** - Spleen Lymphoma Malignant

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 714

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 662

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Natural Death

**HISTO:** 021420900714

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                |                     |                        |                      |
|----------------|---------------------|------------------------|----------------------|
| * Blood Vessel | * Bone, Femur       | * Esophagus            | * Heart              |
| * Nose         | * Parathyroid Gland | * Stomach, Forestomach | * Stomach, Glandular |
| * Trachea      |                     |                        |                      |

**AUTO PRECLUDES DIAG.**

- |                            |                                     |                             |                                     |
|----------------------------|-------------------------------------|-----------------------------|-------------------------------------|
| * Adrenal Cortex           | * Adrenal Medulla                   | * Bone Marrow               | * Brain, Brain Stem                 |
| * Brain, Cerebellum        | * Brain, Cerebrum                   | * Eye                       | * Gallbladder                       |
| * Harderian Gland          | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon |
| * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            |
| * Intestine Small, Jejunum | * Islets, Pancreatic                | * Lung                      | * Mammary Gland                     |
| * Pancreas                 | * Pituitary Gland                   | * Salivary Glands           | * Skin                              |
| * Thymus                   | * Thyroid Gland                     | * Urinary Bladder           | * Uterus                            |

**OBSERVATIONS**

- |                          |                                     |                    |        |
|--------------------------|-------------------------------------|--------------------|--------|
| * Clitoral Gland         |                                     | Degeneration       | Marked |
| * Kidney                 |                                     | Lymphoma Malignant |        |
|                          | [ Lymphoma Malignant TGLs = 2,3-8 ] |                    |        |
| * Liver                  |                                     | Lymphoma Malignant |        |
| Lymph Node               | Lumbar                              | Lymphoma Malignant |        |
|                          | [ Lymphoma Malignant TGLs = 5-16 ]  |                    |        |
| * Lymph Node, Mandibular |                                     | Lymphoma Malignant |        |
| * Lymph Node, Mesenteric |                                     | Lymphoma Malignant |        |
|                          | [ Lymphoma Malignant TGLs = 4-11 ]  |                    |        |
| * Ovary                  |                                     | Atrophy            | Marked |
| * Spleen                 |                                     | Lymphoma Malignant |        |
|                          | [ Lymphoma Malignant TGLs = 1-9 ]   |                    |        |
| * Thymus                 |                                     |                    |        |
|                          | Note: TGL 6 - NCL                   |                    |        |

**PRIMARY CAUSE OF DEATH** - Spleen Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 721

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900721

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Mild
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Ovary		Atrophy	Marked
		Cyst	Multiple, Mild
[ Cyst TGLs = 1-7A ]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLs = 3-9 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLs = 2-7 ]			

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 722

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900722

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Lymphoma Malignant	Mild
* Clitoral Gland		Degeneration	Marked
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Rectum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Basophilic Focus Lymphoma Malignant	
	[ Basophilic Focus TGLs = 3-3A ]		
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Infiltration Cellular	Lymphocyte, Mild
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia Thrombus	Marked Moderate
	[ Hyperplasia TGLs = 4-9A ]		
	[ Thrombus TGLs = 4-9A ]		
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

---

ANIMAL ID: 722

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900722

---

ORGAN AND ACCOUNTABLE SITE STATUS

---

[ Lymphoma Malignant TGLs = 1-9 ]

\* Thymus

Lymphoma Malignant

\* Urinary Bladder

Lymphoma Malignant

\* Uterus

Endometrium

Hyperplasia

Cystic, Marked

Lymphoma Malignant

[ Hyperplasia TGLs = 2-7 ]

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 723

TRT#: 3

SEX: Female

DAY ON TEST: 559

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Esophagus	* Gallbladder	* Harderian Gland
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Trachea			

MISSING

\* Thymus

OBSERVATIONS

* Adrenal Cortex		Histiocytic Sarcoma	
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Histiocytic Sarcoma	
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLs = 1-7 ]		
* Eye		Cataract	Minimal
* Heart		Histiocytic Sarcoma	
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney	Pelvis	Dilatation	Moderate
		Histiocytic Sarcoma	
		Hyaline Droplet	Moderate
	[ Dilatation TGLs = 7-8 ]		
* Liver		Histiocytic Sarcoma	
		Necrosis	Marked
	[ Histiocytic Sarcoma TGLs = 8,9,10,11,12,13-3E+3A+3B+3C+3D+3 ]		
* Lymph Node, Mandibular		Histiocytic Sarcoma	
	Note: Also located on slide 10A		
* Lymph Node, Mesenteric		Histiocytic Sarcoma	

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 723

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 559

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900723

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Histiocytic Sarcoma TGLs = 6-11 ]

* Nose		Hyaline Droplet	Mild
* Ovary		Histiocytic Sarcoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
Note: Also located on slide 10A			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Histiocytic Sarcoma	

[ Hematopoietic Cell Proliferation TGLs = 5-9 ]

[ Histiocytic Sarcoma TGLs = 5-9 ]

* Stomach, Glandular	Epithelium	Hyperplasia	Moderate
		[ Hyperplasia TGLs = 14-12A ]	

\* Thymus

Note: RC/WT attempted

* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder	Lumen	Dilatation	Moderate
		[ Dilatation TGLs = 3-8 ]	

\* Uterus

	Endometrium	Histiocytic Sarcoma	
		Hyperplasia	Cystic, Marked

[ Hyperplasia TGLs = 4-7A ]

**PRIMARY CAUSE OF DEATH** - Liver Histiocytic Sarcoma

Animal Note: TGL 2 - NST (Cavity, abdominal, fluid)

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 724

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                                     |                           |                             |                          |
|-------------------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla                   | * Blood Vessel            | * Bone Marrow               | * Bone, Femur            |
| * Brain, Brain Stem                 | * Brain, Cerebellum       | * Esophagus                 | * Eye                    |
| * Gallbladder                       | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Descending Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum          | * Islets, Pancreatic      | * Lung                      | * Lymph Node, Mesenteric |
| * Mammary Gland                     | * Parathyroid Gland       | * Pituitary Gland           | * Skin                   |
| * Stomach, Forestomach              | * Stomach, Glandular      | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder                   |                           |                             |                          |

OBSERVATIONS

- |                                     |             |                           |                     |
|-------------------------------------|-------------|---------------------------|---------------------|
| * Adrenal Cortex                    | Subcapsular | Hyperplasia               | Moderate            |
| * Brain, Cerebrum                   |             | Mineralization            | Minimal             |
| * Clitoral Gland                    |             | Degeneration              | Marked              |
| * Intestine Large, Ascending Colon  | Goblet Cell | Hyperplasia               | Minimal             |
| * Intestine Large, Transverse Colon | Goblet Cell | Hyperplasia               | Minimal             |
| * Kidney                            |             | Infiltration Cellular     | Lymphocyte, Minimal |
| * Liver                             |             | Vacuolization Cytoplasmic | Mild                |
| * Lymph Node, Mandibular            |             | Hyperplasia               | Lymphoid, Minimal   |
| * Nose                              |             | Hyaline Droplet           | Mild                |
| * Ovary                             |             | Atrophy                   | Marked              |
|                                     |             | Cyst                      | Moderate            |
| [ Cyst TGLs = 2-7A ]                |             |                           |                     |
| * Pancreas                          |             | Infiltration Cellular     | Lymphocyte, Minimal |
| * Salivary Glands                   |             | Infiltration Cellular     | Lymphocyte, Minimal |
| * Spleen                            |             | Hyperplasia               | Lymphoid, Moderate  |
| * Thymus                            |             | Hyperplasia               | Lymphoid, Mild      |
| * Uterus                            | Endometrium | Hyperplasia               | Cystic, Moderate    |
| [ Hyperplasia TGLs = 1-7 ]          |             |                           |                     |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 731

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900731

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Blood Vessel	* Bone Marrow	* Bone, Femur	* Brain, Cerebellum
* Brain, Cerebrum	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Brain, Brain Stem		Compression	Mild
* Clitoral Gland		Degeneration	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLs = 4-3A ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
	[ Hyperplasia TGLs = 1-10A ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Note: Also located on slide 1		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
	[ Hyperplasia TGLs = 3-9 ]		
* Thymus		Hyperplasia	Lymphoid, Mild
		Necrosis	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
	[ Hyperplasia TGLs = 5-6 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 731

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900731

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Urinary Bladder

\* Uterus

[ Hyperplasia TGLs = 2-7A ]

Endometrium

Infiltration Cellular

Hyperplasia

Lymphocyte, Minimal

Cystic, Moderate

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 732

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Necrosis	Minimal
* Lym Node Mand			
Note: TGL 5 - NCL			
Note: WT attempted			
* Mammary Gland		Galactocele	Mild
Oral Mucosa		Squamous Cell Carcinoma	
[ Squamous Cell Carcinoma	TGLs = 3-16 ]		
* Ovary		Atrophy	Marked
* Pancreas		Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma	TGLs = 4-9A ]		
* Spleen		Hyperplasia	Lymphoid, Marked
[ Hyperplasia	TGLs = 1-9 ]		
* Stomach, Forestomach		Keratin Cyst	
[ Keratin Cyst	TGLs = 2-12A ]		
* Thymus		Atrophy	Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 732

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900732

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Uterus

Endometrium

Hyperplasia

Cystic, Mild

---

Animal Note: TGL 3 - Noted grossly as Cavity, oral was Oral Mucosa

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 733

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900733

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Mild
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLs = 3-3A ]		
* Mammary Gland		Adenocarcinoma	
	[ Adenocarcinoma TGLs = 1-2A ]		
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLs = 2-7A ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 734

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

\* Eye

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Eye			
Note: WT attempted			
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Adenocarcinoma	
	[ Adenocarcinoma TGLs = 1-2A ]		
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Lymphoma Malignant	
* Skin			
Note: TGL 1 - Noted grossly as Skin was Mammary gland			
* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 3-9 ]		

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

---

ANIMAL ID: 734

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900734

---

ORGAN AND ACCOUNTABLE SITE STATUS

---

\* Thymus

[ Lymphoma Malignant TGLs = 4-10 ]

Lymphoma Malignant

\* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

\* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

---

[ Hyperplasia TGLs = 2-7A ]

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 741

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Small, Duodenum		Adenoma	
	[ Adenoma TGLs = 5-12 ]		
* Kidney		Lymphoma Malignant	
* Liver		Basophilic Focus	
	[ Basophilic Focus TGLs = 4-3A ]	Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 6-3 ]		
* Lung		Lymphoma Malignant	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Ovary		Atrophy	Marked
		Cyst	Mild
	[ Cyst TGLs = 2-7A ]		
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 3-9 ]		
* Urinary Bladder		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 741

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900741

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Uterus

[ Hyperplasia TGLs = 1-7 ]

Endometrium

Hyperplasia

Cystic, Marked

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 742

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Heart		Cardiomyopathy	Minimal
* Mammary Gland		Adenocarcinoma	
	[ Adenocarcinoma TGLs = 4-2A ]		
Mesentery	Fat	Necrosis	Moderate
	[ Necrosis TGLs = 3-16 ]		
* Ovary		Atrophy	Marked
	Note: TGL 1 - NCL		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Mild
* Thyroid Gland		Ectopic Thymus	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLs = 2-7 ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 743

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900743

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Marked
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Small, Duodenum		Adenoma	
	[ Adenoma TGLs = 5-12A ]		
* Intestine Small, Ileum		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 4-12B ]		
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver			
	Note: TGL 3 - NCL		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 2-9 ]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 743

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900743

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Sarcoma

[ Hyperplasia TGLs = 1-7A ]

[ Sarcoma TGLs = 1-7A ]

---

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 744

TRT#: 1

SEX: Female

DAY ON TEST: 542

DOSE: CONTROL WATER

DISP: Natural Death

HISTO: 021420900744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Blood Vessel

\* Bone, Femur

\* Esophagus

\* Heart

MISSING

\* Parathyroid Gland

AUTO PRECLUDES DIAG.

\* Adrenal Cortex

\* Adrenal Medulla

\* Bone Marrow

\* Brain, Brain Stem

\* Brain, Cerebellum

\* Brain, Cerebrum

\* Clitoral Gland

\* Eye

\* Gallbladder

\* Harderian Gland

\* Intestine Large, Ascending Colon

\* Intestine Large, Cecum

\* Intestine Large, Descending Colon

\* Intestine Large, Rectum

\* Intestine Large, Transverse Colon

\* Intestine Small, Duodenum

\* Intestine Small, Ileum

\* Intestine Small, Jejunum

\* Islets, Pancreatic

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

\* Uterus

OBSERVATIONS

\* Kidney

Autolysis

Marked

\* Liver

Hyaline Droplet

Moderate

Histiocytic Sarcoma

[ Histiocytic Sarcoma TGLs = 4-3 ]

\* Lung

Histiocytic Sarcoma

\* Parathyroid GI

Note: RC attempted

\* Spleen

Histiocytic Sarcoma

[ Histiocytic Sarcoma TGLs = 2,3-9A ]

\* Uterus

Note: TGL 1 - NCL

PRIMARY CAUSE OF DEATH

- Liver Histiocytic Sarcoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 751

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                                     |                             |                                     |                            |
|-------------------------------------|-----------------------------|-------------------------------------|----------------------------|
| * Adrenal Medulla                   | * Blood Vessel              | * Bone Marrow                       | * Bone, Femur              |
| * Brain, Brain Stem                 | * Brain, Cerebellum         | * Brain, Cerebrum                   | * Esophagus                |
| * Eye                               | * Gallbladder               | * Harderian Gland                   | * Heart                    |
| * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    | * Intestine Large, Descending Colon | * Intestine Large, Rectum  |
| * Intestine Large, Transverse Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum            | * Intestine Small, Jejunum |
| * Islets, Pancreatic                | * Kidney                    | * Lung                              | * Lymph Node, Mandibular   |
| * Lymph Node, Mesenteric            | * Mammary Gland             | * Nose                              | * Parathyroid Gland        |
| * Pituitary Gland                   | * Skin                      | * Stomach, Forestomach              | * Stomach, Glandular       |
| * Thymus                            | * Thyroid Gland             | * Trachea                           |                            |

OBSERVATIONS

- |  |             |                           |                         |
|--|-------------|---------------------------|-------------------------|
| * Adrenal Cortex                                       | Subcapsular | Hyperplasia               | Mild                    |
| * Clitoral Gland                                       |             | Degeneration              | Marked                  |
| * Liver  |             | Inflammation              | Chronic Active, Minimal |
|  |             | Tension Lipidosis         | Minimal                 |
|  |             | Vacuolization Cytoplasmic | Minimal                 |
| Note: TGL 2 - NST<br>[ Tension Lipidosis TGLs = 3-3A ] |             |                           |                         |
| * Ovary  |             | Atrophy                   | Marked                  |
| * Pancreas   |             | Infiltration Cellular     | Lymphocyte, Mild        |
| * Salivary Glands                                      |             | Infiltration Cellular     | Lymphocyte, Minimal     |
| * Spleen   |             | Hyperplasia               | Lymphoid, Mild          |
| * Urinary Bladder                                      |             | Infiltration Cellular     | Lymphocyte, Mild        |
| * Uterus   | Endometrium | Hyperplasia               | Cystic, Marked          |
| [ Hyperplasia TGLs = 1-7A ]                            |             |                           |                         |



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 752

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
Note: TGL 1 - NCL			
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLs = 4-3A ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLs = 5-4A ]			
* Mammary Gland	Alveolus	Hyperplasia	Minimal
		Lactation	Minimal
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLs = 6-9A ]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin		Melanoma Benign	
[ Melanoma Benign TGLs = 2-2A ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 752

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900752

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thymus

Atrophy

Marked

\* Uterus

Endometrium

Hyperplasia

Cystic, Mild

[ Hyperplasia TGLs = 3-7 ]

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 753

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Ovary		Atrophy	Marked
		Cyst	Marked
[ Cyst TGLs = 1-7 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLs = 3-9A ]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thymus		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLs = 2-7A ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 754

TRT#: 1

SEX: Female

DAY ON TEST: 608

DOSE: CONTROL WATER

DISP: Natural Death

HISTO: 021420900754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Esophagus
* Heart	* Liver	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Trachea

AUTO PRECLUDES DIAG.

* Bone Marrow	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Pancreas
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary		Cyst	Moderate
[ Cyst TGLs = 2-7 ]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLs = 1-7A ]			

PRIMARY CAUSE OF DEATH - UNCERTAIN

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016

Time Report Requested: 15:28:26

First Dose M/F: 04/27/05 / 04/27/05

Lab: NCTR

ANIMAL ID: 761

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Lung		Adenocarcinoma	Metastatic (Mammary Gland)
Lymph Node	Renal	Hyperplasia	Lymphoid, Moderate
	Lumbar	Hyperplasia	Lymphoid, Mild
	Lumbar	Infiltration Cellular	Polymorphnuclr, Mild
	[ Hyperplasia TGLs = 6-16A ]		
	[ Hyperplasia TGLs = 5-16 ]		
	[ Infiltration Cellular TGLs = 5-16 ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Mammary Gland		Adenocarcinoma	
	[ Adenocarcinoma TGLs = 1-2A ]		
* Ovary		Atrophy	Marked
		Cyst	Moderate
	[ Cyst TGLs = 3-7 ]		
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Pituitary Gland	Pars Distalis	Adenoma	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 761

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900761

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate
	[ Hematopoietic Cell Proliferation TGLs = 4-9 ]		
	[ Hyperplasia TGLs = 4-9 ]		
* Thymus		Atrophy	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus		Edema	Marked
	Endometrium	Hyperplasia	Cystic, Marked
	[ Edema TGLs = 7-7A ]		
	[ Hyperplasia TGLs = 2-7A ]		

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 762

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Lymphoma Malignant	
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Gallbladder		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 8-3 ]		
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 9-16A ]		
	[ Lymphoma Malignant TGLs = 11-16C ]		
	[ Lymphoma Malignant TGLs = 10-16B ]		
	[ Lymphoma Malignant TGLs = 6-16 ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 1-10+10A ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 7-11 ]		
* Nose		Hyaline Droplet	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 762

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900762

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Atrophy	Marked
		Cyst	Marked
		Lymphoma Malignant	
[ Cyst TGLs = 2-7 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 4,5-9 ]			
* Thymus		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLs = 3-7A ]			



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 763

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Small, Ileum		Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 2-12 ]			
* Int Sm Duoden			
Note: TGL 2 - Noted grossly as Intestine small, duodenum was Intestine small, ileum			
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
* Thymus		Atrophy	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLs = 1-7A ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 764

TRT#: 1

SEX: Female

DAY ON TEST: 726

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Lymphoma Malignant	
* Brain, Cerebrum		Mineralization	Mild
* Clitoral Gland		Degeneration	Marked
* Heart		Mineralization	Minimal
* Kidney		Hyaline Droplet	Moderate
		Infiltration Cellular	Lymphocyte, Mild
* Liver		Lymphoma Malignant	
		Necrosis	Marked
	[ Lymphoma Malignant TGLs = 6,9-3 ]		
	[ Necrosis TGLs = 6,9-3 ]		
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 10-16B ]		
	[ Lymphoma Malignant TGLs = 5-16 ]		
	[ Lymphoma Malignant TGLs = 7-16A ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 1-10+10A ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 4-11 ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 764

TRT#: 1

SEX: Female

DAY ON TEST: 726

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900764

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Lymphoma Malignant	
* Ovary		Atrophy	Marked
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 2,3-9 ]		
* Thymus		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 8-10 ]		
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 791

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900791

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebellum		Infiltration Cellular	Lymphocyte, Minimal
* Brain, Cerebrum		Infiltration Cellular	Lymphocyte, Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Ovary		Granulosa Cell Tumor Benign	
[ Granulosa Cell Tumor Benign	TGLs = 2-7 ]		
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Degeneration	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia	TGLs = 1-7A ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 792

TRT#: 4

SEX: Female

DAY ON TEST: 727

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

\* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Mammary Gland		Adenocarcinoma	
		Carcinosarcoma	
	[ Adenocarcinoma TGLs = 1-2A ]		
	[ Carcinosarcoma TGLs = 2-2B ]		
* Ovary		Atrophy	Marked
		Cyst	Moderate
	[ Cyst TGLs = 4-7 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin			

Note: TGL 2 - Noted grossly as Skin was Mammary gland

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 792

TRT#: 4

SEX: Female

DAY ON TEST: 727

DOSE: ALOEWHOLLEAF 3.0

DISP: Moribund Sacrifice

HISTO: 021420900792

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLs = 3-9 ]		
* Thymus			
	Note: RC attempted		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLs = 5-7A ]		

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinosarcoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 793

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900793

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain, Brain Stem
* Brain, Cerebellum	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Bone, Femur		Fibro-Osseous Lesion	Marked
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Harderian Gland		Adenoma	
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Minimal
		Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLs = 3-4A ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Marked
		Pigmentation	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 793

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900793

ORGAN AND ACCOUNTABLE SITE STATUS

[ Hematopoietic Cell Proliferation TGLs = 2-9 ]

[ Hyperplasia TGLs = 2-9 ]

[ Pigmentation TGLs = 2-9 ]

\* Thymus

Note: RC attempted

\* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

\* Uterus

Endometrium

Hyperplasia

Cystic, Mild

[ Hyperplasia TGLs = 1-7A ]



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 794

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Blood Vessel            | * Bone Marrow               | * Bone, Femur            | * Brain, Brain Stem        |
| * Brain, Cerebellum       | * Brain, Cerebrum           | * Esophagus              | * Eye                      |
| * Gallbladder             | * Harderian Gland           | * Heart                  | * Intestine Large, Cecum   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Lung                      | * Mammary Gland          | * Nose                     |
| * Pancreas                | * Parathyroid Gland         | * Pituitary Gland        | * Salivary Glands          |
| * Skin                    | * Stomach, Forestomach      | * Stomach, Glandular     | * Thyroid Gland            |
| * Trachea                 | * Urinary Bladder           |                          |                            |

OBSERVATIONS

- |                                     |             |                         |                     |
|-------------------------------------|-------------|-------------------------|---------------------|
| * Adrenal Cortex                    | Subcapsular | Hyperplasia             | Mild                |
| * Adrenal Medulla                   |             | Pheochromocytoma Benign |                     |
| * Clitoral Gland                    |             | Degeneration            | Marked              |
| * Intestine Large, Ascending Colon  | Goblet Cell | Hyperplasia             | Minimal             |
| * Intestine Large, Descending Colon | Goblet Cell | Hyperplasia             | Minimal             |
| * Intestine Large, Transverse Colon | Goblet Cell | Hyperplasia             | Minimal             |
| * Kidney                            |             | Infiltration Cellular   | Lymphocyte, Minimal |
| * Liver                             |             | Tension Lipidosis       | Minimal             |
| * Lymph Node, Mandibular            |             | Hyperplasia             | Lymphoid, Minimal   |
| * Lymph Node, Mesenteric            |             | Hyperplasia             | Lymphoid, Minimal   |
| * Ovary                             |             | Atrophy                 | Marked              |
| * Spleen                            |             | Hyperplasia             | Lymphoid, Moderate  |
| * Thymus                            |             | Hyperplasia             | Lymphoid, Mild      |
| * Uterus                            | Endometrium | Hyperplasia             | Cystic, Moderate    |

[ Hyperplasia TGLs = 1-7A ]

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 811

TRT#: 1

SEX: Female

DAY ON TEST: 666

DOSE: CONTROL WATER

DISP: Natural Death

HISTO: 021420900811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Bone, Femur

AUTO PRECLUDES DIAG.

\* Adrenal Cortex

\* Adrenal Medulla

\* Blood Vessel

\* Bone Marrow

\* Brain, Brain Stem

\* Brain, Cerebellum

\* Brain, Cerebrum

\* Clitoral Gland

\* Esophagus

\* Eye

\* Gallbladder

\* Harderian Gland

\* Heart

\* Intestine Large, Ascending Colon

\* Intestine Large, Cecum

\* Intestine Large, Descending Colon

\* Intestine Large, Rectum

\* Intestine Large, Transverse Colon

\* Intestine Small, Duodenum

\* Intestine Small, Ileum

\* Intestine Small, Jejunum

\* Islets, Pancreatic

\* Kidney

\* Liver

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Parathyroid Gland

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

OBSERVATIONS

\* Lung

Autolysis

Marked

Sarcoma

[ Sarcoma TGLs = 3-4 ]

\* Spleen

Note: TGL 1 - NCL

\* Uterus

Autolysis

Marked

Sarcoma

[ Sarcoma TGLs = 2-7A+7B ]

PRIMARY CAUSE OF DEATH

- Uterus Sarcoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 812

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                                     |                            |                                     |                             |
|-------------------------------------|----------------------------|-------------------------------------|-----------------------------|
| * Adrenal Medulla                   | * Blood Vessel             | * Bone Marrow                       | * Bone, Femur               |
| * Brain, Brain Stem                 | * Brain, Cerebellum        | * Esophagus                         | * Eye                       |
| * Gallbladder                       | * Heart                    | * Intestine Large, Ascending Colon  | * Intestine Large, Cecum    |
| * Intestine Large, Descending Colon | * Intestine Large, Rectum  | * Intestine Large, Transverse Colon | * Intestine Small, Duodenum |
| * Intestine Small, Ileum            | * Intestine Small, Jejunum | * Islets, Pancreatic                | * Mammary Gland             |
| * Nose                              | * Pancreas                 | * Parathyroid Gland                 | * Pituitary Gland           |
| * Skin                              | * Stomach, Forestomach     | * Stomach, Glandular                | * Thyroid Gland             |
| * Trachea                           |                            |                                     |                             |

OBSERVATIONS

- |                          |                                    |                           |                      |
|--------------------------|------------------------------------|---------------------------|----------------------|
| * Adrenal Cortex         | Subcapsular                        | Hyperplasia               | Mild                 |
| * Brain, Cerebrum        |                                    | Mineralization            | Minimal              |
| * Clitoral Gland         |                                    | Degeneration              | Marked               |
| * Harderian Gland        |                                    | Adenoma                   |                      |
| * Kidney                 |                                    | Lymphoma Malignant        |                      |
| * Liver                  |                                    | Inflammation              | Chronic Active, Mild |
|                          |                                    | Lymphoma Malignant        |                      |
|                          |                                    | Vacuolization Cytoplasmic | Mild                 |
|                          | [ Lymphoma Malignant TGLs = 3-3A ] |                           |                      |
| * Lung                   |                                    | Infiltration Cellular     | Lymphocyte, Mild     |
| Lymph Node               | Lumbar                             | Lymphoma Malignant        |                      |
|                          | [ Lymphoma Malignant TGLs = 4-16 ] |                           |                      |
| * Lymph Node, Mandibular |                                    | Lymphoma Malignant        |                      |
| * Lymph Node, Mesenteric |                                    | Lymphoma Malignant        |                      |
| * Ovary                  |                                    | Atrophy                   | Marked               |
| * Salivary Glands        |                                    | Lymphoma Malignant        |                      |
| * Spleen                 |                                    | Lymphoma Malignant        |                      |
|                          | [ Lymphoma Malignant TGLs = 2-9 ]  |                           |                      |
| * Thymus                 |                                    | Lymphoma Malignant        |                      |
| * Urinary Bladder        |                                    | Lymphoma Malignant        |                      |
| * Uterus                 | Endometrium                        | Hyperplasia               | Cystic, Marked       |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 812

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900812

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Hyperplasia TGLs = 1-7 ]

---

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 813

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 618

**DOSE:** CONTROL WATER

**DISP:** Moribund Sacrifice

**HISTO:** 021420900813

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
Lacrimal Gland		Infiltration Cellular	Lymphocyte, Mild
	[ Infiltration Cellular TGLs = 4-2B ]		
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Fibrosarcoma	
	Note: TGL 4 - Noted grossly as Skin was Lacrimal gland		
	[ Fibrosarcoma TGLs = 1-2A ]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLs = 3-9A ]		
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLs = 2-7A ]		

**PRIMARY CAUSE OF DEATH** - Skin Fibrosarcoma

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 814

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900814

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Kidney		Nephropathy	Minimal
* Liver		Tension Lipidosis	Minimal
		Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLs = 3-16 ]			
* Ovary		Atrophy	Marked
* Parathyroid GI			
Note: WT attempted			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLs = 2-9A ]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 814

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** CONTROL WATER

**DISP:** Terminal Sacrifice

**HISTO:** 021420900814

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Hyperplasia TGLs = 1-7 ]

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 821

TRT#: 1

SEX: Female

DAY ON TEST: 546

DOSE: CONTROL WATER

DISP: Moribund Sacrifice

HISTO: 021420900821

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Ovary		Cyst	Moderate
	[ Cyst TGLs = 2-7 ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Sarcoma	
	[ Sarcoma TGLs = 3-2A ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Polyp Stromal	
	[ Hyperplasia TGLs = 1-7A ]		
	[ Polyp Stromal TGLs = 1-7A ]		

PRIMARY CAUSE OF DEATH - Skin Sarcoma

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 823

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Moderate
* Liver		Infiltration Cellular	Lymphocyte, Marked
		Tension Lipidosis	Mild
	[ Infiltration Cellular TGLs = 4-3A ]		
* Mammary GI			
	Note: TGL 1 - Noted grossly as Mammary gland was Skin		
* Ovary		Cyst	Marked
	[ Cyst TGLs = 3-7 ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin		Hemangioma	
	[ Hemangioma TGLs = 1-2A ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLs = 2-7A ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 824

TRT#: 1

SEX: Female

DAY ON TEST: 728

DOSE: CONTROL WATER

DISP: Terminal Sacrifice

HISTO: 021420900824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Angiectasis	Marked
[ Angiectasis TGLs = 4-11 ]			
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Ovary		Atrophy	Marked
		Cyst	Marked
[ Cyst TGLs = 1-7 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLs = 3-9 ]			
* Thyroid Gland	Follicle	Degeneration	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLs = 2-7A ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 851

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900851

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Lymphocyte, Mild
		Tension Lipidosis	Minimal
		Vacuolization Cytoplasmic	Mild
Lymph Node	Renal	Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLs = 3-16 ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Ovary		Atrophy	Marked
		Cyst	Multiple, Marked
[ Cyst TGLs = 2-7 ]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Hyperplasia	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLs = 1-7A ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 852

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900852

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum
* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Intestine Small, Ileum		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 4-12A ]		
* Liver		Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
	[ Hyperplasia TGLs = 1-10 ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	[ Lymphoma Malignant TGLs = 2-9 ]	Lymphoma Malignant	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLs = 3-7A ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 853

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLs = 3-4A ]		
* Ovary		Atrophy	Marked
		Cyst	Mild
	[ Cyst TGLs = 2-7A ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[ Hyperplasia TGLs = 1-7 ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 854

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900854

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Vacuolization Cytoplasmic	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Marked
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Polyp Stromal	

[ Hyperplasia TGLs = 1-7 ]

[ Polyp Stromal TGLs = 1-7 ]

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 871

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900871

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla         | * Blood Vessel              | * Bone Marrow            | * Bone, Femur              |
| * Brain, Brain Stem       | * Brain, Cerebellum         | * Esophagus              | * Eye                      |
| * Gallbladder             | * Harderian Gland           | * Heart                  | * Intestine Large, Cecum   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Lung                      | * Lymph Node, Mandibular | * Mammary Gland            |
| * Nose                    | * Pancreas                  | * Parathyroid Gland      | * Pituitary Gland          |
| * Skin                    | * Stomach, Forestomach      | * Stomach, Glandular     | * Thymus                   |
| * Trachea                 |                             |                          |                            |

OBSERVATIONS

- |                                     |             |                                  |                     |
|-------------------------------------|-------------|----------------------------------|---------------------|
| * Adrenal Cortex                    | Subcapsular | Hyperplasia                      | Mild                |
| * Brain, Cerebrum                   |             | Mineralization                   | Minimal             |
| * Clitoral Gland                    |             | Degeneration                     | Marked              |
| * Intestine Large, Ascending Colon  | Goblet Cell | Hyperplasia                      | Mild                |
| * Intestine Large, Descending Colon | Goblet Cell | Hyperplasia                      | Mild                |
| * Intestine Large, Transverse Colon | Goblet Cell | Hyperplasia                      | Mild                |
| * Kidney                            |             | Infiltration Cellular            | Lymphocyte, Minimal |
| * Liver                             |             | Vacuolization Cytoplasmic        | Minimal             |
| * Lymph Node, Mesenteric            |             | Hyperplasia                      | Lymphoid, Mild      |
| * Ovary                             |             | Atrophy                          | Marked              |
| * Salivary Glands                   |             | Infiltration Cellular            | Lymphocyte, Mild    |
| * Spleen                            |             | Hematopoietic Cell Proliferation | Mild                |
|                                     |             | Hyperplasia                      | Lymphoid, Moderate  |
| * Thyroid Gland                     | Follicle    | Degeneration                     | Minimal             |
| * Urinary Bladder                   |             | Infiltration Cellular            | Lymphocyte, Minimal |
| * Uterus                            | Endometrium | Hyperplasia                      | Cystic, Mild        |

[ Hyperplasia TGLs = 1-7 ]

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 872

TRT#: 4

SEX: Female

DAY ON TEST: 721

DOSE: ALOEWHOLLEAF 3.0

DISP: Natural Death

HISTO: 021420900872

ORGAN AND ACCOUNTABLE SITE STATUS

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Uterus		Autolysis	Marked
	Endometrium	Hyperplasia	Cystic, Marked
		Thrombus	Marked
	[ Hyperplasia TGLs = 1-7A ]		
	[ Thrombus TGLs = 2-7B ]		

PRIMARY CAUSE OF DEATH - UNCERTAIN



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 873

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900873

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
	[ Basophilic Focus TGLs = 4-3A ]		
Mesentery	Fat	Necrosis	Moderate
	[ Necrosis TGLs = 2-16 ]		
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	[ Cyst TGLs = 3-9A ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Degeneration	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLs = 1-7A ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 874

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 3.0

DISP: Terminal Sacrifice

HISTO: 021420900874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Cerebellum	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Mammary Gland	* Nose	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Brain Stem		Compression	Mild
[ Compression TGLs = 12-1 ]			
* Brain, Cerebrum		Mineralization	Mild
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Rectum		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
		Lymphoma Malignant	
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Infiltration Cellular	Lymphocyte, Mild
		Mixed Cell Focus	
		Necrosis	Mild
		Vacuolization Cytoplasmic	Mild
[ Mixed Cell Focus TGLs = 6-3A ]			
* Lung		Lymphoma Malignant	
Lymph Node	Axillary	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Popliteal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLs = 1-16 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 874

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 3.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900874

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Lymphoma Malignant	TGLs = 14-16E ]		
[ Lymphoma Malignant	TGLs = 9-16C ]		
[ Lymphoma Malignant	TGLs = 7-16A ]		
[ Lymphoma Malignant	TGLs = 8-16B ]		
[ Lymphoma Malignant	TGLs = 13-16D ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 2-10+10A ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Atrophy	Marked
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma	TGLs = 11-9A ]		
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 3,4-9 ]		
* Thymus		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 10-10 ]		
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Lymphoma Malignant	
[ Hyperplasia	TGLs = 5-7A ]		
[ Lymphoma Malignant	TGLs = 5-7A ]		

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 911

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900911

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Parathyroid Gland	* Pituitary Gland
---------------------	-------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Mild
* Lung			
Note: TGL 3 - NCL			
* Mammary GI			
Note: Located on slide 7			
* Ovary		Granulosa Cell Tumor Benign	
* Parathyroid GI			
Note: RC attempted			
* Pituitary GI			
Note: RE attempted			
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Mild
* Urin Bladder			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 911

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900911

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Note: TGL 2 - NCL

\* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[ Hyperplasia TGLs = 1-7A ]

---



**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

**ANIMAL ID:** 912

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 660

**DOSE:** ALOEWHOLLEAF 1.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900912

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Lymphoma Malignant	TGLs = 4-16A ]		
[ Lymphoma Malignant	TGLs = 8-16B ]		
[ Lymphoma Malignant	TGLs = 3-16 ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 2-11 ]		
* Nose		Hyaline Droplet	Mild
* Ovary		Atrophy	Marked
* Pancreas		Vacuolization Cytoplasmic	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	
[ Hematopoietic Cell Proliferation	TGLs = 1-9 ]		
[ Lymphoma Malignant	TGLs = 1-9 ]		
* Thymus		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 6-10 ]		
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 913

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Tension Lipidosis	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLs = 1-10+10A ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Atrophy	Marked
[ Cyst TGLs = 2-7A ]		Cyst	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLs = 3-7 ]			

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 914

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 1.0

DISP: Terminal Sacrifice

HISTO: 021420900914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Lymphoma Malignant	
	[ Lymphoma Malignant TGLs = 2-3A ]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
* Nose		Hyaline Droplet	Mild
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLs = 3-9A ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLs = 1-7 ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 931

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Mammary Gland		Adenocarcinoma	
	[ Adenocarcinoma TGLs = 1-2A ]		
* Nose		Hyaline Droplet	Minimal
* Ovary		Cyst	Mild
		Granulosa Cell Tumor Benign	
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	[ Angiectasis TGLs = 4-9A ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin			
	Note: TGL 1 - Noted grossly as Skin was Mammary gland		
* Spleen		Hyperplasia	Lymphoid, Marked
	[ Hyperplasia TGLs = 3-9 ]		
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016

**Time Report Requested:** 15:28:26

**First Dose M/F:** 04/27/05 / 04/27/05

**Lab:** NCTR

---

**ANIMAL ID:** 931

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Terminal Sacrifice

**HISTO:** 021420900931

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Hyperplasia TGLs = 2-7A ]

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 932

TRT#: 3

SEX: Female

DAY ON TEST: 660

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Bone Marrow		Leukemia	
* Brain Cerebrum			
Note: TGL 8 - NCL			
Note: TGL 7 - NCL			
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Leukemia	
* Liver		Leukemia	
[ Leukemia TGLs = 5,6-3 ]			
* Lung		Leukemia	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Polymorphnuclr, Mild
[ Hyperplasia TGLs = 1-10+10A ]			
[ Infiltration Cellular TGLs = 1-10+10A ]			
* Lymph Node, Mesenteric		Leukemia	
* Ovary		Atrophy	Marked
		Hemorrhage	Mild
[ Hemorrhage TGLs = 4-7 ]			
* Pancreas	Acinus	Degeneration	Mild
* Pituitary Gland		Leukemia	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 932

TRT#: 3

SEX: Female

DAY ON TEST: 660

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900932

ORGAN AND ACCOUNTABLE SITE STATUS

[ Leukemia TGLs = 9-9A ]			
* Spleen		Leukemia	
[ Leukemia TGLs = 2-9 ]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Degeneration	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLs = 3-7A ]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 933

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900933

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

\* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Descending Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
Lymph Node	Lumbar	Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 4-16 ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant	TGLs = 3-11 ]		
* Ovary		Atrophy	Marked
		Cyst	Moderate
[ Cyst	TGLs = 2-7 ]		
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gl			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 933

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900933

ORGAN AND ACCOUNTABLE SITE STATUS

Note: WT attempted

- \* Salivary Glands
- \* Spleen
- \* Thymus
- \* Urinary Bladder
- \* Uterus

Endometrium

Infiltration Cellular  
Lymphoma Malignant  
Lymphoma Malignant  
Infiltration Cellular  
Hyperplasia  
Polyp Stromal

Lymphocyte, Mild

Lymphocyte, Minimal  
Cystic, Marked

[ Hyperplasia TGLs = 1-7A ]

[ Polyp Stromal TGLs = 1-7A ]

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 934

TRT#: 3

SEX: Female

DAY ON TEST: 647

DOSE: ALOEWHOLLEAF 2.0

DISP: Moribund Sacrifice

HISTO: 021420900934

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Ascending Colon	* Intestine Large, Cecum	* Intestine Large, Descending Colon
* Intestine Large, Rectum	* Intestine Large, Transverse Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

**MISSING**

\* Pituitary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
Note: TGL 2 - NCL			
* Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
* Int Sm Jejunum			
Note: TGL 5 - NCL			
* Liver		Tension Lipidosis	Minimal
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLs = 4-16 ]			
* Mammary Gland		Adenocarcinoma	
[ Adenocarcinoma TGLs = 1-2A ]			
* Ovary		Atrophy	Marked
* Pituitary Gland			
Note: RC attempted			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Moderate

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20116 - 04  
**Test Type:** CHRONIC  
**Route:** DOSED WATER  
**Species/Strain:** MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Aloe vera whole leaf extract (native)  
**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 07/28/2016  
**Time Report Requested:** 15:28:26  
**First Dose M/F:** 04/27/05 / 04/27/05  
**Lab:** NCTR

---

**ANIMAL ID:** 934

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 647

**DOSE:** ALOEWHOLLEAF 2.0

**DISP:** Moribund Sacrifice

**HISTO:** 021420900934

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Urinary Bladder

Infiltration Cellular

Lymphocyte, Mild

\* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[ Hyperplasia TGLs = 3-7 ]

---

PRIMARY CAUSE OF DEATH

- Mammary Gland Adenocarcinoma

---

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 941

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900941

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                             |                          |                                     |                           |
|-----------------------------|--------------------------|-------------------------------------|---------------------------|
| * Adrenal Medulla           | * Blood Vessel           | * Bone, Femur                       | * Brain, Brain Stem       |
| * Brain, Cerebellum         | * Esophagus              | * Eye                               | * Gallbladder             |
| * Harderian Gland           | * Intestine Large, Cecum | * Intestine Large, Descending Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum          | * Islets, Pancreatic      |
| * Mammary Gland             | * Nose                   | * Pancreas                          | * Parathyroid Gland       |
| * Pituitary Gland           | * Skin                   | * Stomach, Forestomach              | * Stomach, Glandular      |
| * Trachea                   |                          |                                     |                           |

**OBSERVATIONS**

- |                                     |   |                                  |                         |
|-------------------------------------|---|----------------------------------|-------------------------|
| * Adrenal Cortex                    | Subcapsular                                     | Hyperplasia                      | Mild                    |
| * Bone Marrow                       |   | Hyperplasia                      | Mild                    |
| * Brain, Cerebrum                   |   | Mineralization                   | Minimal                 |
| * Clitoral Gland                    |   | Degeneration                     | Marked                  |
| * Heart                             |   | Cardiomyopathy                   | Minimal                 |
| * Intestine Large, Ascending Colon  | Goblet Cell                                     | Hyperplasia                      | Minimal                 |
| * Intestine Large, Transverse Colon | Goblet Cell                                     | Hyperplasia                      | Minimal                 |
| * Kidney                            |   | Infiltration Cellular            | Lymphocyte, Minimal     |
| * Liver                             |   | Inflammation                     | Chronic Active, Minimal |
|                                     |   | Pigmentation                     | Mild                    |
|                                     |   | Vacuolization Cytoplasmic        | Mild                    |
| * Lung                              |   | Infiltration Cellular            | Lymphocyte, Mild        |
|                                     |   | Mineralization                   | Minimal                 |
| * Lymph Node, Mandibular            |   | Hyperplasia                      | Lymphoid, Moderate      |
| * Lymph Node, Mesenteric            |   | Hyperplasia                      | Lymphoid, Moderate      |
| * Ovary                             |   | Atrophy                          | Marked                  |
| * Salivary Glands                   |   | Infiltration Cellular            | Lymphocyte, Mild        |
| * Spleen                            |   | Hematopoietic Cell Proliferation | Marked                  |
|                                     |   | Hyperplasia                      | Lymphoid, Moderate      |
|                                     | [ Hematopoietic Cell Proliferation TGLs = 3-9 ] |                                  |                         |
|                                     | [ Hyperplasia TGLs = 3-9 ]                      |                                  |                         |
| * Thymus                            |   | Hyperplasia                      | Lymphoid, Mild          |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
Test Type: CHRONIC  
Route: DOSED WATER  
Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Aloe vera whole leaf extract (native)  
CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
Time Report Requested: 15:28:26  
First Dose M/F: 04/27/05 / 04/27/05  
Lab: NCTR

ANIMAL ID: 941

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900941

ORGAN AND ACCOUNTABLE SITE STATUS

[ Hyperplasia TGLs = 4-10 ]			
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLs = 1,2-7+7A ]			

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 942

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Ascending Colon
* Intestine Large, Cecum	* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Large, Transverse Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Minimal
* Clitoral Gland		Degeneration	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Vacuolization Cytoplasmic	Minimal
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
		Cyst	Minimal

Note: Pathologist noted TGL 2 is on 7 not 7A

[ Cyst TGLs = 2-7 ]

* Parathyroid Gland		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
	[ Hyperplasia TGLs = 3-9A ]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hyperplasia	Lymphoid, Marked
* Thymus		Atrophy	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Polyp Stromal	

[ Hyperplasia TGLs = 1-7 ]

[ Polyp Stromal TGLs = 1-7 ]

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 943

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900943

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                                     |                           |                             |
|--------------------------|-------------------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla        | * Blood Vessel                      | * Bone Marrow             | * Bone, Femur               |
| * Brain, Brain Stem      | * Brain, Cerebellum                 | * Brain, Cerebrum         | * Esophagus                 |
| * Eye                    | * Gallbladder                       | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Descending Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum          | * Islets, Pancreatic      | * Lymph Node, Mandibular    |
| * Mammary Gland          | * Nose                              | * Parathyroid Gland       | * Salivary Glands           |
| * Skin                   | * Stomach, Forestomach              | * Stomach, Glandular      | * Thyroid Gland             |
| * Trachea                |                                     |                           |                             |

OBSERVATIONS

- |                                     |                |                           |                     |
|-------------------------------------|----------------|---------------------------|---------------------|
| * Adrenal Cortex                    | Subcapsular    | Hyperplasia               | Mild                |
| * Clitoral Gland                    |                | Degeneration              | Marked              |
| * Intestine Large, Ascending Colon  | Goblet Cell    | Hyperplasia               | Minimal             |
| * Intestine Large, Transverse Colon | Goblet Cell    | Hyperplasia               | Minimal             |
| * Kidney                            |                | Infiltration Cellular     | Lymphocyte, Minimal |
| * Liver                             |                | Vacuolization Cytoplasmic | Mild                |
| * Lung                              | Alveolar Epith | Hyperplasia               | Marked              |
| * Lymph Node, Mesenteric            |                | Hyperplasia               | Lymphoid, Mild      |
| * Ovary                             |                | Atrophy                   | Marked              |
| * Pancreas                          |                | Infiltration Cellular     | Lymphocyte, Minimal |
| * Pituitary Gland                   | Pars Distalis  | Hyperplasia               | Mild                |
| * Spleen                            |                | Hyperplasia               | Lymphoid, Moderate  |
| * Thymus                            |                | Hyperplasia               | Lymphoid, Mild      |
| * Urinary Bladder                   |                | Infiltration Cellular     | Lymphocyte, Minimal |
| * Uterus                            | Endometrium    | Hyperplasia               | Cystic, Moderate    |

[ Hyperplasia TGLs = 1-7 ]

Experiment Number: 20116 - 04  
 Test Type: CHRONIC  
 Route: DOSED WATER  
 Species/Strain: MICE/B6C3F1/NCTR

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 07/28/2016  
 Time Report Requested: 15:28:26  
 First Dose M/F: 04/27/05 / 04/27/05  
 Lab: NCTR

ANIMAL ID: 944

TRT#: 3

SEX: Female

DAY ON TEST: 728

DOSE: ALOEWHOLLEAF 2.0

DISP: Terminal Sacrifice

HISTO: 021420900944

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Descending Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain, Cerebrum		Mineralization	Mild
* Clitoral Gland		Degeneration	Marked
* Intestine Large, Ascending Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Transverse Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Nose		Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
		Cyst	Marked
[ Cyst TGLs = 1-7 ]			
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gland	Pars Intermed	Angiectasis	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLs = 2-7A ]			

\*\*\* END OF REPORT \*\*\*