

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:53
First Dose M/F: NA / NA
Lab: NCTR

C Number:	C20116B
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:53
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 11

TRT#: 7

SEX: Male

DAY ON TEST: 100

DOSE: 2% WLN

DISP: Terminal Sacrifice

HISTO: 021420600011

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 Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Moderate
		Infiltration Cellular	Polymorphnuclr, Mild
* Intestine Large, Rectum	Goblet Cell	Hyperplasia	Moderate
* Kidney		Nephropathy	Chronic, Mild
* Lymph Node, Mesenteric		Degeneration	Cystic, Moderate
		Hyperplasia	Lymphoid, Marked
[Degeneration TGLS = 1-9]			
[Hyperplasia TGLS = 1-9]			
* Preputial Gland		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:53
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 12

TRT#: 7

SEX: Male

DAY ON TEST: 100

DOSE: 2% WLN

DISP: Terminal Sacrifice

HISTO: 021420600012

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	* Heart
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Lymphoid, Mild
* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Rectum	Goblet Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Preputial Gland		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:53

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 21

TRT#: 7

SEX: Male

DAY ON TEST: 46

DOSE: 2% WLN

DISP: Moribund Sacrifice

HISTO: 021420600021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Blood Vessel | * Bone, Femur | * Brain, Brain Stem |
| * Brain, Cerebellum | * Brain, Cerebrum | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, 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 | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- | | | |
|-------------------|-----------------|----------|
| * Adrenal Medulla | * Mammary Gland | * Thymus |
|-------------------|-----------------|----------|

OBSERVATIONS

- | | | |
|---|-----------------|-------------------|
| * Adren Medulla
Note: Two slides sent for complete section; Per pathologist no recut requested | | |
| Bone Marrow | Hypocellularity | Mild |
| * Kidney | Nephropathy | Chronic, Minimal |
| * Mammary GI
Note: Recut attempted | | |
| * Preputial Gland
[Inflammation TGLS = 1-11] | Inflammation | Suppurative, Mild |
| * Prostate
Note: Located on slide 11A | | |
| * Seminal Vesicle
[Hypoplasia TGLS = 2-11A] | Hypoplasia | Marked |
| * Thymus
Note: Recut/Wet tissue attempted | | |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:53

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 22

TRT#: 7

SEX: Male

DAY ON TEST: 62

DOSE: 2% WLN

DISP: Moribund Sacrifice

HISTO: 021420600022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum
* Brain, Cerebrum	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Rectum	* 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
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland
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OBSERVATIONS

* Adren Cortex			
Note: Adrenals missing at trim			
* Adren Medulla			
Note: Adrenals missing at trim			
Bone Marrow		Hypocellularity	Mild
* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary GI			
Note: Wet tissue attempted			
* Preputial Gland		Inflammation	Suppurative, Mild
* Seminal Vesicle		Hypoplasia	Marked
[Hypoplasia TGLS = 1-11A]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:53

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 31

TRT#: 7

SEX: Male

DAY ON TEST: 100

DOSE: 2% WLN

DISP: Terminal Sacrifice

HISTO: 021420600031

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 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	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia Infiltration Cellular	Mild Polymorphnuclr, Minimal
* Intestine Large, Colon	Goblet Cell	Hyperplasia Infiltration Cellular	Mild Polymorphnuclr, Minimal
* Intestine Large, Rectum	Goblet Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary GI			
Note: Wet tissue attempted			
* Preputial Gland		Inflammation	Suppurative, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:53

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 32

TRT#: 7

SEX: Male

DAY ON TEST: 100

DOSE: 2% WLN

DISP: Terminal Sacrifice

HISTO: 021420600032

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 Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Rectum	Goblet Cell	Hyperplasia	Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Pancreas	Acinus	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:53

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 41

TRT#: 7

SEX: Male

DAY ON TEST: 101

DOSE: 2% WLN

DISP: Terminal Sacrifice

HISTO: 021420600041

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 Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Rectum	Goblet Cell	Hyperplasia	Mild
	Anus	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Preputial Gland		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:53

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 42

TRT#: 7

SEX: Male

DAY ON TEST: 101

DOSE: 2% WLN

DISP: Terminal Sacrifice

HISTO: 021420600042

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 Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* 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		

OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia Infiltration Cellular	Mild Polymorphnuclr, Mild
* Intestine Large, Colon	Goblet Cell	Hyperplasia Infiltration Cellular	Moderate Polymorphnuclr, Mild
* Intestine Large, Rectum	Goblet Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked

[Hyperplasia TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:53
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 51

TRT#: 7

SEX: Male

DAY ON TEST: 101

DOSE: 2% WLN

DISP: Terminal Sacrifice

HISTO: 021420600051

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 Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymsus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Large, Rectum

OBSERVATIONS

* Int Lg Rectum			
Note: Wet tissue attempted			
* Intestine Large, Cecum	Goblet Cell	Hyperplasia Infiltration Cellular	Moderate Polymorphnuclr, Minimal
* Intestine Large, Colon	Goblet Cell	Hyperplasia Infiltration Cellular	Moderate Polymorphnuclr, Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 2-9]			
* Preputial Gland		Inflammation	Suppurative, Mild
[Inflammation TGLS = 1-12]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:53
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 52 **TRT#:** 7 **SEX:** Male **DAY ON TEST:** 101
DOSE: 2% WLN **DISP:** Terminal Sacrifice **HISTO:** 021420600052

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 Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Rectum	Anus, Epithelium	Hyperplasia	Squamous, Moderate
	Goblet Cell	Hyperplasia	Mild
	Anus	Inflammation	Chronic Active, Mild
* Intestine Small, Ileum	Goblet Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Lym Node Mesen			
Note: Wet tissue attempted			
* Mammary Gland			
Note: Wet tissue attempted			
* Nose			
Note: TGL 1 - NCL			
* Preputial Gland		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:53
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 61

TRT#: 7

SEX: Male

DAY ON TEST: 101

DOSE: 2% WLN

DISP: Terminal Sacrifice

HISTO: 021420600061

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 Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Rectum	Anus	Hyperplasia	Squamous, Mild
	Goblet Cell	Hyperplasia	Minimal
	Anus	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-9]			
* Preputial Gland		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:53

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 62

TRT#: 7

SEX: Male

DAY ON TEST: 101

DOSE: 2% WLN

DISP: Terminal Sacrifice

HISTO: 021420600062

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 Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* 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		

OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia Infiltration Cellular	Moderate Polymorphnuclr, Mild
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Rectum	Anus	Hyperplasia	Squamous, Moderate
	Goblet Cell	Hyperplasia	Moderate
	Anus	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
	[Hyperplasia TGLS = 1-9]		

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:53
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 71

TRT#: 5

SEX: Male

DAY ON TEST: 100

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600071

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, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Large, Rectum

OBSERVATIONS

* Int Lg Rectum

Note: Recut/Wet tissue attempted

* Kidney	Nephropathy	Chronic, Minimal
* Liver	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Moderate
* Preputial Gland	Inflammation	Suppurative, Mild
* Spleen	Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:53
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 72

TRT#: 5

SEX: Male

DAY ON TEST: 100

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600072

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, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pituitary Gland

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pancreas	Acinus	Degeneration	Minimal
* Pituitary Gl			
Note: Wet tissue attempted			
* Preputial Gland		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:53

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 81

TRT#: 5

SEX: Male

DAY ON TEST: 100

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600081

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, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Pituitary Gland

OBSERVATIONS

* Kidney	Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Pituitary Gl		
Note: Wet tissue attempted		
* Urinary Bladder	Dilatation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 82

TRT#: 5

SEX: Male

DAY ON TEST: 100

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600082

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
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pituitary Gland

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Pituitary Gl		
Note: Wet tissue attempted		
* Preputial Gland	Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1-12]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 91

TRT#: 5

SEX: Male

DAY ON TEST: 100

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone, Femur
* Epididymis
* Heart
* Intestine Small, Duodenum
* Liver
* Mammary Gland
* Pituitary Gland
* Skin
* Testes
* Urinary Bladder

* Adrenal Medulla
* Brain, Brain Stem
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Prostate
* Spleen
* Thymus

* Blood Vessel
* Brain, Cerebellum
* Eye
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

Bone Marrow
* Brain, Cerebrum
* Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Parathyroid Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

OBSERVATIONS

* Kidney
* Preputial Gland

Nephropathy
Inflammation

Chronic, Minimal
Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:54

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 92

TRT#: 5

SEX: Male

DAY ON TEST: 100

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone, Femur
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Preputial Gland
* Skin
* Testes
* Urinary Bladder

* Adrenal Medulla
* Brain, Brain Stem
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Pancreas
* Prostate
* Spleen
* Thymus

* Blood Vessel
* Brain, Cerebellum
* Eye
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Parathyroid Gland
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

Bone Marrow
* Brain, Cerebrum
* Harderian Gland
* Intestine Small, Duodenum
* Liver
* Mammary Gland
* Pituitary Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

OBSERVATIONS

* Heart
* Kidney

Cardiomyopathy
Nephropathy

Mild
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 101

TRT#: 5
DOSE: CONTROL

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 101
HISTO: 021420600101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	Bone Marrow	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, 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	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Adrenal Medulla

OBSERVATIONS

* Adren Medulla

Note: Wet tissue attempted

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Chronic, Minimal
* Liver	Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Preputial Gland	Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 102

TRT#: 5

SEX: Male

DAY ON TEST: 101

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600102

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, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* 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			

OBSERVATIONS

* Kidney	Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:54

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 111

TRT#: 5

SEX: Male

DAY ON TEST: 101

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600111

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, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* 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

* Intestine Large, Rectum

OBSERVATIONS

* Int Lg Rectum

Note: Recut/Wet tissue attempted

* Kidney	Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:54

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 112

TRT#: 5

SEX: Male

DAY ON TEST: 101

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600112

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
* Intestine Large, Cecum	* Intestine Large, 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	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Chronic, Minimal
* Liver	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Preputial Gland	Inflammation	Suppurative, Mild
* Testes		

Note: TGL 1 - NCL

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:54

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 101

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600121

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, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney	Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Minimal
* Preputial Gland	Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 101

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600122

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, Cecum	* Intestine Large, Colon	* 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
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney	Nephropathy	Chronic, Minimal
* Liver	Inflammation	Chronic Active, Mild
	Vacuolization Cytoplasmic	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 131

TRT#: 6

SEX: Male

DAY ON TEST: 100

DOSE: 1% WLN

DISP: Terminal Sacrifice

HISTO: 021420600131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum

* Liver

* Spleen

OBSERVATIONS

* Intestine Large, Colon

Goblet Cell

Hyperplasia

Minimal

* Kidney

Nephropathy

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 132

TRT#: 6

SEX: Male

DAY ON TEST: 100

DOSE: 1% WLN

DISP: Terminal Sacrifice

HISTO: 021420600132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum

* Liver

* Spleen

OBSERVATIONS

* Intestine Large, Colon

Goblet Cell

Hyperplasia

Mild

* Kidney

Nephropathy

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 141

TRT#: 6

SEX: Male

DAY ON TEST: 100

DOSE: 1% WLN

DISP: Terminal Sacrifice

HISTO: 021420600141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Spleen

OBSERVATIONS

* Intestine Large, Cecum

Goblet Cell

Hyperplasia

Minimal

* Intestine Large, Colon

Goblet Cell

Hyperplasia

Moderate

* Kidney

Infiltration Cellular

Polymorphnuclr, Mild

Nephropathy

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 142

TRT#: 6

SEX: Male

DAY ON TEST: 100

DOSE: 1% WLN

DISP: Terminal Sacrifice

HISTO: 021420600142

OBSERVATIONS

* Intestine Large, Cecum

Goblet Cell

Hyperplasia

Moderate

* Intestine Large, Colon

Goblet Cell

Infiltration Cellular

Polymorphnuclr, Minimal

* Kidney

Hyperplasia

Mild

* Liver

Nephropathy

Chronic, Minimal

[Hepatodiaphragmatic Nodule TGLS = 2-4]

Hepatodiaphragmatic Nodule

Lymph Node, Mesenteric

Hyperplasia

Lymphoid, Marked

[Hyperplasia TGLS = 1-9]

* Spleen

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 151

TRT#: 6

SEX: Male

DAY ON TEST: 100

DOSE: 1% WLN

DISP: Terminal Sacrifice

HISTO: 021420600151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum

* Liver

* Spleen

OBSERVATIONS

* Intestine Large, Colon

Goblet Cell

Hyperplasia

Minimal

* Kidney

Nephropathy

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 152

TRT#: 6

SEX: Male

DAY ON TEST: 100

DOSE: 1% WLN

DISP: Terminal Sacrifice

HISTO: 021420600152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum

* Liver

* Spleen

OBSERVATIONS

* Intestine Large, Colon

Goblet Cell

Hyperplasia

Minimal

* Kidney

Nephropathy

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 162

TRT#: 6

SEX: Male

DAY ON TEST: 101

DOSE: 1% WLN

DISP: Terminal Sacrifice

HISTO: 021420600162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Spleen

OBSERVATIONS

* Intestine Large, Cecum

Goblet Cell

Hyperplasia

Mild

* Intestine Large, Colon

Goblet Cell

Hyperplasia

Moderate

* Kidney

Infiltration Cellular

Polymorphnuclr, Marked

Nephropathy

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 171	TRT#: 6	SEX: Male	DAY ON TEST: 101
	DOSE: 1% WLN	DISP: Terminal Sacrifice	HISTO: 021420600171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver	* Spleen
---------	----------

OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 172

TRT#: 6

SEX: Male

DAY ON TEST: 101

DOSE: 1% WLN

DISP: Terminal Sacrifice

HISTO: 021420600172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Intestine Large, Cecum

Goblet Cell

Hyperplasia

Mild

* Intestine Large, Colon

Goblet Cell

Hyperplasia

Mild

Infiltration Cellular

Polymorphnucl, Minimal

* Kidney

Nephropathy

Chronic, Minimal

* Spleen

Hyperplasia

Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 181

TRT#: 6

SEX: Male

DAY ON TEST: 101

DOSE: 1% WLN

DISP: Terminal Sacrifice

HISTO: 021420600181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

* Spleen

OBSERVATIONS

* Intestine Large, Cecum

Goblet Cell

Hyperplasia

Moderate

* Intestine Large, Colon

Goblet Cell

Hyperplasia

Moderate

* Kidney

Infiltration Cellular

Polymorphnuclr, Moderate

Lymph Node, Mesenteric

Nephropathy

Chronic, Minimal

[Hyperplasia TGLS = 1-9]

Hyperplasia

Lymphoid, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 182

TRT#: 6

SEX: Male

DAY ON TEST: 101

DOSE: 1% WLN

DISP: Terminal Sacrifice

HISTO: 021420600182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum

* Intestine Large, Colon

* Liver

* Spleen

OBSERVATIONS

* Kidney
Lymph Node, Mesenteric
[Hyperplasia TGLS = 1-9]

Nephropathy
Hyperplasia

Chronic, Minimal
Lymphoid, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 191

TRT#: 8

SEX: Male

DAY ON TEST: 100

DOSE: 3% WLN

DISP: Terminal Sacrifice

HISTO: 021420600191

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 Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pituitary Gland

OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Moderate
		Infiltration Cellular	Polymorphnuclr, Moderate
* Intestine Large, Rectum	Goblet Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Pituitary Gl			
Note: Wet tissue attempted			
* Preputial Gland		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:54

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 192

TRT#: 8

SEX: Male

DAY ON TEST: 31

DOSE: 3% WLN

DISP: Moribund Sacrifice

HISTO: 021420600192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone, Femur |
| * Brain, Brain Stem | * Brain, Cerebellum | * Brain, Cerebrum | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, 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 | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

OBSERVATIONS

- | | | |
|------------------------|-----------------|----------|
| Bone Marrow | Hypocellularity | Mild |
| * Epididymis | Hypospermia | Marked |
| * Stomach, Forestomach | Hyperkeratosis | Mild |
| * Testes | Hypoplasia | Moderate |
| * Thymus | Atrophy | Moderate |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 201

TRT#: 8

SEX: Male

DAY ON TEST: 31

DOSE: 3% WLN

DISP: Moribund Sacrifice

HISTO: 021420600201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, 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	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

Bone Marrow	Hypocellularity	Moderate
* Epididymis	Hypospermia	Marked
* Preputial Gland	Inflammation	Suppurative, Marked
* Stomach, Forestomach	Hyperkeratosis	Mild
* Testes	Hypoplasia	Moderate
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 202

TRT#: 8

SEX: Male

DAY ON TEST: 34

DOSE: 3% WLN

DISP: Moribund Sacrifice

HISTO: 021420600202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, 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	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

Bone Marrow	Hypocellularity	Moderate
Coagulating Gland [Hypoplasia TGLS = 5-11A]	Hypoplasia	Marked
* Epididymis	Hypospermia	Marked
* Preputial Gland [Inflammation TGLS = 1-11]	Inflammation	Suppurative, Mild
* Seminal Vesicle [Hypoplasia TGLS = 4-11A]	Hypoplasia	Marked
* Spleen Note: 2 - NCL		
* Testes [Hypoplasia TGLS = 3-11]	Hypoplasia	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:54

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 211

TRT#: 8

SEX: Male

DAY ON TEST: 100

DOSE: 3% WLN

DISP: Terminal Sacrifice

HISTO: 021420600211

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 Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Intestine Large, Rectum

OBSERVATIONS

* Int Lg Rectum			
Note: Recut attempted			
* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-9]			
* Preputial Gland		Inflammation	Suppurative, Moderate
* Spleen		Hyperplasia	Lymphoid, Minimal
* Urinary Bladder		Dilatation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 212

TRT#: 8

SEX: Male

DAY ON TEST: 100

DOSE: 3% WLN

DISP: Terminal Sacrifice

HISTO: 021420600212

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, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia Infiltration Cellular	Moderate Polymorphnuclr, Mild
* Intestine Large, Colon	Goblet Cell	Hyperplasia Infiltration Cellular	Moderate Polymorphnuclr, Mild
* Kidney		Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric [Hyperplasia TGLS = 1-9]		Hyperplasia	Lymphoid, Marked
* Preputial Gland		Inflammation	Suppurative, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 221

TRT#: 8

SEX: Male

DAY ON TEST: 34

DOSE: 3% WLN

DISP: Moribund Sacrifice

HISTO: 021420600221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Epididymis
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, 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
* Pituitary Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

Bone Marrow		Hypocellularity	Mild
Coagulating Gland		Hypoplasia	Marked
[Hypoplasia TGLS = 3-11A]			
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-14]			
* Preputial Gland		Inflammation	Suppurative, Moderate
Note: TGL 4 - NCL			
* Prostate			
Note: Located on slide 11A			
* Seminal Vesicle		Hypoplasia	Marked
[Hypoplasia TGLS = 1-11A]			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 222

TRT#: 8

SEX: Male

DAY ON TEST: 101

DOSE: 3% WLN

DISP: Terminal Sacrifice

HISTO: 021420600222

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 Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Rectum	Anus	Hyperplasia	Squamous, Mild
	Goblet Cell	Hyperplasia	Moderate
	Anus	Inflammation	Chronic Active, Mild
* Intestine Small, Ileum	Goblet Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric		Degeneration	Cystic, Mild
		Hyperplasia	Lymphoid, Marked
[Degeneration TGLS = 1-9]			
[Hyperplasia TGLS = 1-9]			
* Preputial Gland		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 231

TRT#: 8

SEX: Male

DAY ON TEST: 34

DOSE: 3% WLN

DISP: Moribund Sacrifice

HISTO: 021420600231

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 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	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland [Hypoplasia TGLS = 2-11A]		Hypoplasia	Marked
* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Rectum	Goblet Cell	Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Mammary GI Note: Recut attempted			
* Preputial Gland		Inflammation	Suppurative, Mild
* Prostate Note: Located on slide 11A			
* Seminal Vesicle [Hypoplasia TGLS = 1-11A]		Hypoplasia	Marked
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 232

TRT#: 8

SEX: Male

DAY ON TEST: 101

DOSE: 3% WLN

DISP: Terminal Sacrifice

HISTO: 021420600232

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 Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia Infiltration Cellular	Moderate Polymorphnuclr, Mild
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Rectum	Anus	Hyperplasia	Squamous, Moderate
	Goblet Cell	Hyperplasia	Mild
	Anus	Inflammation	Chronic Active, Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
	[Hyperplasia TGLS = 1-9]		
* Urinary Bladder		Dilatation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:54

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 241

TRT#: 8

DOSE: 3% WLN

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 101

HISTO: 021420600241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Adrenal Medulla	* Pituitary Gland		
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OBSERVATIONS

* Adren Medulla			
Note: Wet tissue attempted			
* Intestine Large, Cecum	Goblet Cell	Hyperplasia Infiltration Cellular	Marked Polymorphnuclr, Mild
* Intestine Large, Colon	Goblet Cell	Hyperplasia Infiltration Cellular	Moderate Polymorphnuclr, Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-9]			
* Pituitary Gl			
Note: Wet tissue attempted			
* Preputial Gland		Inflammation	Suppurative, Minimal
* Prostate		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 242

TRT#: 8

SEX: Male

DAY ON TEST: 101

DOSE: 3% WLN

DISP: Terminal Sacrifice

HISTO: 021420600242

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 Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* 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		

OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Rectum	Anus	Hyperplasia	Squamous, Marked
	Goblet Cell	Hyperplasia	Moderate
	Anus	Inflammation	Chronic Active, Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 251

TRT#: 1

SEX: Female

DAY ON TEST: 100

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600251

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	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Clitoral Gland		Inflammation	Suppurative, Mild
* Kidney	Renal Tubule	Mineralization	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Uterus	Lumen	Dilatation	Marked
[Dilatation TGLS = 1-12]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 252

TRT#: 1

SEX: Female

DAY ON TEST: 100

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600252

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	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Clitoral Gland		Infiltration Cellular	Lymphoid, Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Mineralization	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Uterus	Lumen	Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 261

TRT#: 1

SEX: Female

DAY ON TEST: 100

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600261

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	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Clitoral Gland		Inflammation	Suppurative, Mild
* Kidney	Renal Tubule	Mineralization	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Uterus	Lumen	Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 262

TRT#: 1

SEX: Female

DAY ON TEST: 100

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Clitoral Gland	* Esophagus	* Eye	* Heart
* Intestine Large, Cecum	* Intestine Large, 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
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Mineralization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:54

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 271

TRT#: 1

SEX: Female

DAY ON TEST: 100

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600271

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	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Infiltration Cellular	Lymphoid, Mild
* Kidney	Renal Tubule	Mineralization	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:54

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 272

TRT#: 1

SEX: Female

DAY ON TEST: 100

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Bone, Femur

* Clitoral Gland

* Heart

* Intestine Small, Duodenum

* Liver

* Nose

* Salivary Glands

* Stomach, Glandular

* Urinary Bladder

* Adrenal Medulla

* Brain, Brain Stem

* Esophagus

* Intestine Large, Cecum

* Intestine Small, Ileum

* Lung

* Ovary

* Skin

* Thymus

* Uterus

* Blood Vessel

* Brain, Cerebellum

* Eye

* Intestine Large, Colon

* Intestine Small, Jejunum

* Lymph Node, Mandibular

* Pancreas

* Spleen

* Thyroid Gland

Bone Marrow

* Brain, Cerebrum

* Harderian Gland

* Intestine Large, Rectum

* Islets, Pancreatic

* Mammary Gland

* Pituitary Gland

* Stomach, Forestomach

* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney

Renal Tubule

Mineralization

Mild

* Lymph Node, Mesenteric

Hyperplasia

Lymphoid, Mild

* Parathyroid Gland

Note: Recut attempted

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 281

TRT#: 1

SEX: Female

DAY ON TEST: 101

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600281

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	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Infiltration Cellular	Lymphoid, Moderate
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Minimal
* Kidney	Renal Tubule	Mineralization	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 282

TRT#: 1

SEX: Female

DAY ON TEST: 101

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600282

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	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, 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
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Inflammation	Suppurative, Moderate
* Kidney	Renal Tubule	Mineralization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:54

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 291

TRT#: 1

SEX: Female

DAY ON TEST: 101

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600291

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	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, 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
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Inflammation	Suppurative, Minimal
* Kidney	Renal Tubule	Mineralization	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:54

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 292

TRT#: 1

SEX: Female

DAY ON TEST: 101

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Intestine Large, Rectum

OBSERVATIONS

* Int Lg Rectum

Note: Wet tissue attempted

* Kidney	Renal Tubule	Mineralization	Moderate
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 301

TRT#: 1

SEX: Female

DAY ON TEST: 101

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 302

TRT#: 1

SEX: Female

DAY ON TEST: 101

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 021420600302

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	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Mineralization	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 311

TRT#: 4

SEX: Female

DAY ON TEST: 100

DOSE: 3% WLN

DISP: Terminal Sacrifice

HISTO: 021420600311

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	* Harderian Gland	* Heart
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Inflammation	Suppurative, Moderate
* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Moderate
		Infiltration Cellular	Polymorphnuclr, Minimal
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Rectum	Anus, Epithelium	Hyperplasia	Squamous, Moderate
	Goblet Cell	Hyperplasia	Moderate
	Anus	Inflammation	Chronic Active, Mild
* Kidney	Renal Tubule	Mineralization	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 312

TRT#: 4

SEX: Female

DAY ON TEST: 100

DOSE: 3% WLN

DISP: Terminal Sacrifice

HISTO: 021420600312

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	* Harderian Gland	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Pituitary Gland

OBSERVATIONS

* Clitoral Gland		Inflammation	Suppurative, Mild
* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Mild
* Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pituitary Gl			

Note: Wet tissue attempted

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:54

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 321

TRT#: 4

SEX: Female

DAY ON TEST: 100

DOSE: 3% WLN

DISP: Terminal Sacrifice

HISTO: 021420600321

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	* Harderian Gland	* Heart
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Inflammation	Suppurative, Mild
* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Mild
		Infiltration Cellular	Polymorphnuclr, Mild
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Rectum	Goblet Cell	Hyperplasia	Minimal
* Intestine Small, Ileum	Goblet Cell	Hyperplasia	Mild
* Kidney	Renal Tubule	Mineralization	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-9]			
* Ovary	Interstitial Cell	Hyperplasia	Mild
* Uterus			
Note: TGL 2 - NCL			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 322

TRT#: 4

SEX: Female

DAY ON TEST: 31

DOSE: 3% WLN

DISP: Moribund Sacrifice

HISTO: 021420600322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone, Femur	* Brain, Brain Stem
* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, 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	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Adrenal Medulla

OBSERVATIONS

* Adren Medulla

Note: Two slides sent for complete section; Per pathologist no recut requested

Bone Marrow		Hypocellularity	Moderate
* Clitoral Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Mineralization	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 332

TRT#: 4

SEX: Female

DAY ON TEST: 100

DOSE: 3% WLN

DISP: Terminal Sacrifice

HISTO: 021420600332

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	* Harderian Gland	* Heart
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Inflammation	Suppurative, Minimal
* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Marked
		Infiltration Cellular	Polymorphnuclr, Moderate
* Intestine Large, Rectum	Goblet Cell	Hyperplasia	Minimal
* Kidney	Renal Tubule	Mineralization	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 341

TRT#: 4

SEX: Female

DAY ON TEST: 26

DOSE: 3% WLN

DISP: Moribund Sacrifice

HISTO: 021420600341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* 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	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

Bone Marrow	Hypocellularity	Moderate
* Clitoral Gland	Inflammation	Suppurative, Minimal
* Mammary GI		
Note: Wet tissue attempted		
Mesentery		
Note: Wet tissue attempted		
* Ovary	Hypoplasia	Moderate
[Hypoplasia TGLS = 1-11]		
* Spleen		
Note: TGL 3 - NCL		
* Stomach, Forestomach	Hyperkeratosis	Minimal
* Thymus		
Note: Wet tissue attempted		
* Uterus	Hypoplasia	Moderate
[Hypoplasia TGLS = 2-11]		

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 342

TRT#: 4

SEX: Female

DAY ON TEST: 31

DOSE: 3% WLN

DISP: Moribund Sacrifice

HISTO: 021420600342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* 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		

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

Bone Marrow		Hypocellularity	Moderate
* Clitoral Gland		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-11]			
* Int Lg Colon			
Note: Located on slide 8			
* Int Sm Ileum			
Note: Located on slide 9A			
* Kidney	Renal Tubule	Mineralization	Mild
* Lym Node Mesen			
Note: Wet tissue attempted			
* Ovary		Hypoplasia	Minimal
* Thymus		Atrophy	Marked
* Uterus		Hypoplasia	Minimal
Vagina	Lumen	Dilatation	Moderate
[Dilatation TGLS = 2-14]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:54

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 351

TRT#: 4

SEX: Female

DAY ON TEST: 31

DOSE: 3% WLN

DISP: Moribund Sacrifice

HISTO: 021420600351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone, Femur |
| * Brain, Brain Stem | * Brain, Cerebellum | * Brain, Cerebrum | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * 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 | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | |
|----------------------------|-----------------|-----------------------|
| Bone Marrow | Hypocellularity | Moderate |
| * Clitoral Gland | Inflammation | Suppurative, Moderate |
| * Mammary GI | | |
| Note: Wet tissue attempted | | |
| * Ovary | Hypoplasia | Moderate |
| * Thymus | Atrophy | Marked |
| * Uterus | Hypoplasia | Moderate |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 352

TRT#: 4

SEX: Female

DAY ON TEST: 31

DOSE: 3% WLN

DISP: Moribund Sacrifice

HISTO: 021420600352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

Bone Marrow		Hypocellularity	Marked
* Clitoral Gland		Inflammation	Suppurative, Moderate
* Kidney	Renal Tubule	Mineralization	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 361

TRT#: 4

SEX: Female

DAY ON TEST: 34

DOSE: 3% WLN

DISP: Moribund Sacrifice

HISTO: 021420600361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* 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	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

Bone Marrow	Hypocellularity	Moderate
* Clitoral Gland	Inflammation	Suppurative, Mild
* Liver	Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-4]		
* Mammary GI		
Note: Recut attempted		
* Ovary	Hypoplasia	Moderate
* Spleen		
Note: TGL 3 - NCL		
* Thymus	Atrophy	Mild
* Uterus	Hypoplasia	Moderate
[Hypoplasia TGLS = 1-11]		

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:54

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 362

TRT#: 4

SEX: Female

DAY ON TEST: 34

DOSE: 3% WLN

DISP: Moribund Sacrifice

HISTO: 021420600362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, 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
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

Bone Marrow	Hypocellularity	Mild
* Ovary	Hypoplasia	Moderate
* Stomach, Forestomach	Hyperkeratosis	Minimal
* Thymus	Atrophy	Mild
* Uterus	Hypoplasia	Moderate

[Hypoplasia TGLS = 1-11]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 371	TRT#: 2	SEX: Female	DAY ON TEST: 100
	DOSE: 1% WLN	DISP: Terminal Sacrifice	HISTO: 021420600371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
* Spleen		Inflammation	Chronic Active, Marked

[Inflammation TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 372

TRT#: 2

SEX: Female

DAY ON TEST: 100

DOSE: 1% WLN

DISP: Terminal Sacrifice

HISTO: 021420600372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum

* Liver

* Spleen

OBSERVATIONS

* Intestine Large, Colon

Goblet Cell

Hyperplasia

Minimal

* Kidney

Renal Tubule

Mineralization

Mild

Nephropathy

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 381	TRT#: 2	SEX: Female	DAY ON TEST: 100
	DOSE: 1% WLN	DISP: Terminal Sacrifice	HISTO: 021420600381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Spleen

OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Moderate
* Kidney	Renal Tubule	Mineralization	Mild
* Liver		Deformity	
[Deformity TGLS = 2-4]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 382	TRT#: 2	SEX: Female	DAY ON TEST: 100
	DOSE: 1% WLN	DISP: Terminal Sacrifice	HISTO: 021420600382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver	* Spleen
---------	----------

OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney	Renal Tubule	Mineralization	Moderate
Uterus	Lumen	Dilatation	Marked

[Dilatation TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 391

TRT#: 2

SEX: Female

DAY ON TEST: 100

DOSE: 1% WLN

DISP: Terminal Sacrifice

HISTO: 021420600391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum

* Intestine Large, Colon

* Liver

* Spleen

OBSERVATIONS

* Kidney

Renal Tubule

Mineralization

Mild

Nephropathy

Chronic, Minimal

* Spleen

Note: TGL 1 - NCL

Uterus

Lumen

Dilatation

Marked

[Dilatation TGLS = 2-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 392

TRT#: 2

SEX: Female

DAY ON TEST: 100

DOSE: 1% WLN

DISP: Terminal Sacrifice

HISTO: 021420600392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum

* Liver

* Spleen

OBSERVATIONS

* Intestine Large, Colon

Goblet Cell

Hyperplasia

Mild

Infiltration Cellular

Polymorphnuclr, Mild

* Kidney

Renal Tubule

Mineralization

Mild

Nephropathy

Chronic, Minimal

Lymph Node, Mesenteric

Hyperplasia

Lymphoid, Marked

[Hyperplasia TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 401	TRT#: 2	SEX: Female	DAY ON TEST: 101
	DOSE: 1% WLN	DISP: Terminal Sacrifice	HISTO: 021420600401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver	* Spleen
---------	----------

OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney	Renal Tubule	Mineralization	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:54

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 402

TRT#: 2

SEX: Female

DAY ON TEST: 101

DOSE: 1% WLN

DISP: Terminal Sacrifice

HISTO: 021420600402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum

* Intestine Large, Colon

* Liver

* Spleen

OBSERVATIONS

* Kidney

Renal Tubule

Mineralization

Mild

Nephropathy

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 411

TRT#: 2

SEX: Female

DAY ON TEST: 101

DOSE: 1% WLN

DISP: Terminal Sacrifice

HISTO: 021420600411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Spleen

OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia Infiltration Cellular	Minimal Polymorphnuclr, Minimal
* Intestine Large, Colon	Goblet Cell	Hyperplasia Infiltration Cellular	Mild Polymorphnuclr, Minimal
* Kidney	Renal Tubule	Mineralization Nephropathy	Mild Chronic, Minimal
* Liver		Vacuolization Cytoplasmic	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 412

TRT#: 2

SEX: Female

DAY ON TEST: 101

DOSE: 1% WLN

DISP: Terminal Sacrifice

HISTO: 021420600412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum

* Intestine Large, Colon

* Liver

* Spleen

OBSERVATIONS

* Kidney

Renal Tubule

Mineralization

Moderate

Nephropathy

Chronic, Minimal

Hyperplasia

Lymphoid, Marked

Lymph Node, Mesenteric

[Hyperplasia TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 421	TRT#: 2	SEX: Female	DAY ON TEST: 101
	DOSE: 1% WLN	DISP: Terminal Sacrifice	HISTO: 021420600421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver	* Spleen
---------	----------

OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Minimal
* Kidney	Renal Tubule	Mineralization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 422

TRT#: 2

SEX: Female

DAY ON TEST: 101

DOSE: 1% WLN

DISP: Terminal Sacrifice

HISTO: 021420600422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum

* Intestine Large, Colon

* Liver

* Spleen

OBSERVATIONS

* Kidney
Lymph Node, Mesenteric
[Hyperplasia TGLS = 1-9]

Renal Tubule

Mineralization
Hyperplasia

Mild
Lymphoid, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 431

TRT#: 3

SEX: Female

DAY ON TEST: 100

DOSE: 2% WLN

DISP: Terminal Sacrifice

HISTO: 021420600431

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	* Heart	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation Inflammation	Mild Suppurative, Mild
[Dilatation TGLS = 1-12] [Inflammation TGLS = 1-12]			
* Harderian Gland		Infiltration Cellular	Lymphoid, Mild
* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Mild
		Infiltration Cellular	Polymorphnuclr, Minimal
* Intestine Large, Rectum	Anus	Hyperplasia	Squamous, Moderate
	Goblet Cell	Hyperplasia	Moderate
	Anus	Inflammation	Chronic Active, Moderate
* Kidney	Renal Tubule	Mineralization	Moderate
* Lymph Node, Mesenteric		Degeneration	Cystic, Marked
		Hyperplasia	Lymphoid, Marked
[Degeneration TGLS = 2-9] [Hyperplasia TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 432

TRT#: 3

SEX: Female

DAY ON TEST: 100

DOSE: 2% WLN

DISP: Terminal Sacrifice

HISTO: 021420600432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Rectum	Goblet Cell	Hyperplasia	Minimal
* Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Uterus	Lumen	Dilatation	Moderate

[Dilatation TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 441

TRT#: 3

SEX: Female

DAY ON TEST: 100

DOSE: 2% WLN

DISP: Terminal Sacrifice

HISTO: 021420600441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Marked
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Marked
		Infiltration Cellular	Polymorphnuclr, Minimal
* Kidney	Renal Tubule	Mineralization	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 442

TRT#: 3

SEX: Female

DAY ON TEST: 31

DOSE: 2% WLN

DISP: Moribund Sacrifice

HISTO: 021420600442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Clitoral Gland
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, 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	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

Bone Marrow	Hypocellularity	Marked
* Int Sm Ileum		
Note: Located on slide 9		
* Int Sm Jejunum		
Note: Located on slide 8		
* Parathyroid Gl		
Note: Two slides sent for complete section; Per pathologist no recut requested		
* Stomach, Forestomach	Hyperkeratosis	Minimal
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 451

TRT#: 3

SEX: Female

DAY ON TEST: 46

DOSE: 2% WLN

DISP: Moribund Sacrifice

HISTO: 021420600451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone, Femur
* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum	* Eye
* 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
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Urinary Bladder		

MISSING

* Esophagus	* Parathyroid Gland	* Thyroid Gland	* Trachea
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OBSERVATIONS

Bone Marrow		Hypocellularity	Mild
* Clitoral Gland		Inflammation	Suppurative, Mild
* Esophagus			
Note: Wet tissue attempted			
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Mild
* Kidney	Renal Tubule	Mineralization	Mild
* Ovary		Hypoplasia	Mild
* Parathyroid Gland			
Note: Wet tissue attempted			
* Thymus		Atrophy	Mild
* Thyroid Gland			
Note: Wet tissue attempted			
* Trachea			
Note: Wet tissue attempted			
* Uterus		Hypoplasia	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 452

TRT#: 3

SEX: Female

DAY ON TEST: 100

DOSE: 2% WLN

DISP: Terminal Sacrifice

HISTO: 021420600452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Marked
		Polyarteritis	Marked
* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Rectum	Goblet Cell	Hyperplasia	Minimal
* Kidney	Renal Tubule	Mineralization	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-9]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:54

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 461

TRT#: 3

SEX: Female

DAY ON TEST: 31

DOSE: 2% WLN

DISP: Moribund Sacrifice

HISTO: 021420600461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone, Femur |
| * Brain, Brain Stem | * Brain, Cerebellum | * Brain, Cerebrum | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, 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 | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | | |
|------------------------------|--------------|-----------------|---------------------|
| Bone Marrow | | Hypocellularity | Moderate |
| * Clitoral Gland | Duct | Dilatation | Marked |
| | | Inflammation | Suppurative, Marked |
| [Dilatation TGLS = 1-11] | | | |
| [Inflammation TGLS = 1-11] | | | |
| * Kidney | Renal Tubule | Mineralization | Mild |
| * Lym Node Mesen | | | |
| Note: TGL 3 - NCL | | | |
| Lymph Node | Lumbar | Hyperplasia | Lymphoid, Minimal |
| [Hyperplasia TGLS = 2-14] | | | |
| * Stomach, Forestomach | | Hyperkeratosis | Mild |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 462

TRT#: 3

SEX: Female

DAY ON TEST: 101

DOSE: 2% WLN

DISP: Terminal Sacrifice

HISTO: 021420600462

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	* Harderian Gland	* Heart
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Inflammation	Suppurative, Mild
* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Moderate
		Infiltration Cellular	Polymorphnuclr, Mild
* Intestine Large, Rectum	Goblet Cell	Hyperplasia	Minimal
* Kidney	Renal Tubule	Mineralization	Moderate
		Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:54

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 471

TRT#: 3

SEX: Female

DAY ON TEST: 31

DOSE: 2% WLN

DISP: Moribund Sacrifice

HISTO: 021420600471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone, Femur |
| * Brain, Brain Stem | * Brain, Cerebellum | * Brain, Cerebrum | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, 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 | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- * Pituitary Gland

OBSERVATIONS

- | | | |
|----------------------------|-----------------|----------------------|
| Bone Marrow | Hypocellularity | Marked |
| * Clitoral Gland | Inflammation | Chronic Active, Mild |
| * Ovary | Hypoplasia | Moderate |
| * Pituitary Gl | | |
| Note: Wet tissue attempted | | |
| * Uterus | Hypoplasia | Mild |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/23/2014
Time Report Requested: 13:03:54
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 472

TRT#: 3

SEX: Female

DAY ON TEST: 101

DOSE: 2% WLN

DISP: Terminal Sacrifice

HISTO: 021420600472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	Bone Marrow
* Bone, Femur	* Brain, Brain Stem	* Brain, Cerebellum	* Brain, Cerebrum
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* 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

* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Moderate
* Intestine Large, Rectum	Anus	Hyperplasia	Squamous, Mild
	Goblet Cell	Hyperplasia	Mild
	Anus	Inflammation	Chronic Active, Mild
* Kidney	Renal Tubule	Mineralization	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-9]			
* Ovary	Interstit Cell	Hyperplasia	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:54

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 481

TRT#: 3

SEX: Female

DAY ON TEST: 101

DOSE: 2% WLN

DISP: Terminal Sacrifice

HISTO: 021420600481

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	* Heart	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Inflammation	Suppurative, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Minimal
* Intestine Large, Rectum	Goblet Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Ovary	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:03:54

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 482

TRT#: 3

SEX: Female

DAY ON TEST: 101

DOSE: 2% WLN

DISP: Terminal Sacrifice

HISTO: 021420600482

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* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Inflammation	Suppurative, Moderate
* Intestine Large, Cecum	Goblet Cell	Hyperplasia	Mild
* Intestine Large, Colon	Goblet Cell	Hyperplasia	Moderate
		Infiltration Cellular	Polymorphnuclr, Mild
* Intestine Large, Rectum	Goblet Cell	Hyperplasia	Mild
* Kidney	Renal Tubule	Mineralization	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE