

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

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 13:04:41

**First Dose M/F:** NA / NA

**Lab:** NCTR

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

Experiment Number: 20116-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Aloe vera whole leaf extract (native)

Time Report Requested: 13:04:41

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: NCTR

F 344/N Rat Male CONTROL

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	1	1	1	1	1	1	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	1	1	1	1	1	1	
	7	7	8	8	9	9	0	0	1	1	2	2	
	1	2	1	2	1	2	1	2	1	2	1	2	*TOTALS

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Rectum	M	+	+	+	+	+	+	+	M	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	12
Liver	+	+	+	+	+	+	+	+	+	+	+	+	12
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	12
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	12
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	12
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	12

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	12
Heart	+	+	+	+	+	+	+	+	+	+	+	+	12

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	12
Adrenal Medulla	+	+	+	+	+	+	M	+	+	+	+	+	11
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	12
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	12

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 20116-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Aloe vera whole leaf extract (native)

Time Report Requested: 13:04:41

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: NCTR

F 344/N Rat Male CONTROL

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	1	1	1	1	1	1	
ANIMAL ID	7	7	8	8	9	9	0	0	1	1	2	2	
	1	2	1	2	1	2	1	2	1	2	1	2	*TOTALS
Pituitary Gland	+	M	M	M	+	+	+	+	+	+	+	+	9
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>General Body System</b>													
NONE													
<b>Genital System</b>													
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	12
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	12
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	12
Testes	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Hematopoietic System</b>													
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	12
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	12
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	12
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	12
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Integumentary System</b>													
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
Skin	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Musculoskeletal System</b>													

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

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I ..Insufficient tissue

Experiment Number: 20116-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Aloe vera whole leaf extract (native)

Time Report Requested: 13:04:41

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: NCTR

F 344/N Rat Male CONTROL

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	1	1	1	1	2	2	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	1	1	1	1	1	1	
	7	7	8	8	9	9	0	0	1	1	2	2	
	1	2	1	2	1	2	1	2	1	2	1	2	
	<b>*TOTALS</b>												
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Nervous System</b>													
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	12
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	12
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Respiratory System</b>													
Lung	+	+	+	+	+	+	+	+	+	+	+	+	12
Nose	+	+	+	+	+	+	+	+	+	+	+	+	12
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Special Senses System</b>													
Eye	+	+	+	+	+	+	+	+	+	+	+	+	12
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Urinary System</b>													
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	12
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>SYSTEMIC LESIONS</b>													
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	12

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue

M ..Missing tissue  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically

Experiment Number: 20116-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Aloe vera whole leaf extract (native)

Time Report Requested: 13:04:41

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: NCTR

F 344/N Rat Male  
1% WLN

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	1	1	1	1	1
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1
	3	3	4	4	5	5	6	7	7	8	8
	1	2	1	2	1	2	2	1	2	1	2
	*TOTALS										

Alimentary System

Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	11
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	11
Liver	+	+	+	+	+	+	+	+	+	+	+	11

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node, Mesenteric				+						+	+	3
Spleen	+	+	+	+	+	+	+	+	+	+	+	11

Integumentary System

NONE

Musculoskeletal System

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

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

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**  
 Test Compound: Aloe vera whole leaf extract (native)  
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014  
 Time Report Requested: 13:04:41  
 First Dose M/F: NA / NA  
 Lab: NCTR

**F 344/N Rat Male**  
**1% WLN**

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1
	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	1	1	1	1	1
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1
	3	3	4	4	5	5	6	7	7	8	8
	1	2	1	2	1	2	2	1	2	1	2
	<b>*TOTALS</b>										

NONE											
<b>Nervous System</b>											
NONE											
<b>Respiratory System</b>											
NONE											
<b>Special Senses System</b>											
NONE											
<b>Urinary System</b>											
Kidney	+	+	+	+	+	+	+	+	+	+	11
<b>SYSTEMIC LESIONS</b>											
Multiple Organ	+	+	+	+	+	+	+	+	+	+	11

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue

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 BLANK ..Not examined microscopically

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P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Aloe vera whole leaf extract (native)

Time Report Requested: 13:04:41

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: NCTR

F 344/N Rat Male  
2% WLN

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	0	0	1	1	1	1	1	1	1	1
	0	0	4	6	0	0	0	0	0	0	0	0
	0	0	6	2	0	0	1	1	1	1	1	1
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	2	2	3	3	4	4	5	5	6	6
	1	2	1	2	1	2	1	2	1	2	1	2
	*TOTALS											

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Rectum	+	+	+	+	+	+	+	+	M	+	+	+	11
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	12
Liver	+	+	+	+	+	+	+	+	+	+	+	+	12
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	12
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	12
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	12
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	12

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	12
Heart	+	+	+	+	+	+	+	+	+	+	+	+	12

Endocrine System

Adrenal Cortex	+	+	+	M	+	+	+	+	+	+	+	+	11
Adrenal Medulla	+	+	M	M	+	+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	12
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	12

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

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I ..Insufficient tissue

Experiment Number: 20116-01

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Aloe vera whole leaf extract (native)

Time Report Requested: 13:04:41

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: NCTR

**F 344/N Rat Male**  
**2% WLN**

	DAY ON TEST												*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	0	0	1	1	1	1	1	1	1	1	
	0	0	4	6	0	0	0	0	0	0	0	0	
	0	0	6	2	0	0	1	1	1	1	1	1	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	
1	1	1	2	2	3	3	4	4	5	5	6	6	
1	2	2	1	2	1	2	1	2	1	2	1	2	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>General Body System</b>													
NONE													
<b>Genital System</b>													
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	12
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	12
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	12
Testes	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Hematopoietic System</b>													
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	12
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	12
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	M	+	+	11
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	12
Thymus	+	+	M	+	+	+	+	+	+	+	+	+	11
<b>Integumentary System</b>													
Mammary Gland	+	+	M	M	M	+	+	+	+	M	+	+	8
Skin	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Musculoskeletal System</b>													

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue

M ..Missing tissue  
 A ..Autolysis precludes evaluation  
 BLANK ..Not examined microscopically



Experiment Number: 20116-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Aloe vera whole leaf extract (native)

Time Report Requested: 13:04:41

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: NCTR

F 344/N Rat Male  
2% WLN

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	0	0	1	1	1	1	1	1	1	1	
	0	0	4	6	0	0	0	0	0	0	0	0	
	0	0	6	2	0	0	1	1	1	1	1	1	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	2	2	3	3	4	4	5	5	6	6	
	1	2	1	2	1	2	1	2	1	2	1	2	*TOTALS
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Nervous System</b>													
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	12
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	12
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Respiratory System</b>													
Lung	+	+	+	+	+	+	+	+	+	+	+	+	12
Nose	+	+	+	+	+	+	+	+	+	+	+	+	12
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Special Senses System</b>													
Eye	+	+	+	+	+	+	+	+	+	+	+	+	12
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Urinary System</b>													
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	12
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>SYSTEMIC LESIONS</b>													
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	12

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

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Experiment Number: 20116-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Aloe vera whole leaf extract (native)

Time Report Requested: 13:04:41

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: NCTR

F 344/N Rat Male  
3% WLN

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0
	1	0	0	0	1	1	0	1	0	1	1	1
	0	3	3	3	0	0	3	0	3	0	0	0
	0	1	1	4	0	0	4	1	4	1	1	1
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	2	2	2	2	2	2	2	2	2	2
	9	9	0	0	1	1	2	2	3	3	4	4
	1	2	1	2	1	2	1	2	1	2	1	2
	*TOTALS											

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Rectum	+	+	+	+	M	+	+	+	+	+	+	+	11
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	12
Liver	+	+	+	+	+	+	+	+	+	+	+	+	12
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	12
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	12
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	12
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	12

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	12
Heart	+	+	+	+	+	+	+	+	+	+	+	+	12

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	12
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	M	+	11
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	12
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	12

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 20116-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Aloe vera whole leaf extract (native)

Time Report Requested: 13:04:41

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: NCTR

F 344/N Rat Male  
3% WLN

DAY ON TEST	ANIMAL ID												*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	
	1	0	0	0	1	1	0	1	0	1	1	1	
	0	3	3	3	0	0	3	0	3	0	0	0	
	0	1	1	4	0	0	4	1	4	1	1	1	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	2	2	2	2	2	2	2	2	2	2	
	9	9	0	0	1	1	2	2	3	3	4	4	
	1	2	1	2	1	2	2	1	2	1	2	2	
Pituitary Gland	M	+	+	+	+	+	+	+	+	M	+		10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+		12
<b>General Body System</b>													
NONE													
<b>Genital System</b>													
Coagulating Gland				+			+		+				3
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	12
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	12
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	12
Testes	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Hematopoietic System</b>													
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	12
Lymph Node							+						1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	12
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	12
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	12
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Integumentary System</b>													
Mammary Gland	+	+	+	+	+	+	+	+	M	+	+	+	11
Skin	+	+	+	+	+	+	+	+	+	+	+	+	12

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 20116-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Aloe vera whole leaf extract (native)

Time Report Requested: 13:04:41

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: NCTR

F 344/N Rat Male  
3% WLN

DAY ON TEST	ANIMAL ID												*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	
	1	0	0	0	1	1	0	1	0	1	1	1	
	0	3	3	3	0	0	3	0	3	0	0	0	
	0	1	1	4	0	0	4	1	4	1	1	1	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	2	2	2	2	2	2	2	2	2	2	
	9	9	0	0	1	1	2	2	3	3	4	4	
	1	2	1	2	1	2	1	2	1	2	1	2	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Musculoskeletal System</b>													
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Nervous System</b>													
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	12
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	12
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Respiratory System</b>													
Lung	+	+	+	+	+	+	+	+	+	+	+	+	12
Nose	+	+	+	+	+	+	+	+	+	+	+	+	12
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Special Senses System</b>													
Eye	+	+	+	+	+	+	+	+	+	+	+	+	12
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Urinary System</b>													
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	12
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>SYSTEMIC LESIONS</b>													
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	12

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue

M ..Missing tissue  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically

**Experiment Number:** 20116-01

**Test Type:** 90-DAY

**Route:** DOSED WATER

**Species/Strain:** Rat/F 344/N

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 13:04:41

**First Dose M/F:** NA / NA

**Lab:** NCTR

\*\*\*END OF MALE DATA\*\*\*

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 20116-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Aloe vera whole leaf extract (native)

Time Report Requested: 13:04:41

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: NCTR

F 344/N Rat Female CONTROL

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	1	1	1	1	1	1	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	3	3	
	5	5	6	6	7	7	8	8	9	9	0	0	
	1	2	1	2	1	2	1	2	1	2	1	2	*TOTALS

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	M	+	+	11
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	12
Liver	+	+	+	+	+	+	+	+	+	+	+	+	12
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	12
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	12
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	12
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	12

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	12
Heart	+	+	+	+	+	+	+	+	+	+	+	+	12

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	12
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	12
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	12
Parathyroid Gland	+	+	+	+	+	M	+	+	+	+	+	+	11

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 20116-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Aloe vera whole leaf extract (native)

Time Report Requested: 13:04:42

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: NCTR

F 344/N Rat Female CONTROL

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	1	1	1	1	1	1	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	3	3		
	5	5	6	6	7	7	8	8	9	9	0	0	
	1	2	1	2	1	2	1	2	1	2	1	2	
	*TOTALS												
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>General Body System</b>													
NONE													
<b>Genital System</b>													
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	12
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Hematopoietic System</b>													
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	12
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	12
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	12
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	12
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Integumentary System</b>													
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
Skin	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Musculoskeletal System</b>													
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	12

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 20116-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Aloe vera whole leaf extract (native)

Time Report Requested: 13:04:42

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: NCTR

F 344/N Rat Female CONTROL

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	1	1	1	1	1	1
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	3	3
	5	5	6	6	7	7	8	8	9	9	0	0
	1	2	1	2	1	2	1	2	1	2	1	2
	*TOTALS											

Nervous System

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	12
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	12
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	12

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	+	+	12
Nose	+	+	+	+	+	+	+	+	+	+	+	+	12
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	12

Special Senses System

Eye	+	+	+	+	+	+	+	+	+	+	+	+	12
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	12

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	12
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	12

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	12
----------------	---	---	---	---	---	---	---	---	---	---	---	---	----

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue



Experiment Number: 20116-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Aloe vera whole leaf extract (native)

Time Report Requested: 13:04:42

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: NCTR

F 344/N Rat Female  
1% WLN

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	1	1	1	1	1	1	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	4	4	4	4	4	4	
	7	7	8	8	9	9	0	0	1	1	2	2	
	1	2	1	2	1	2	1	1	2	1	2	2	*TOTALS

Alimentary System

Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	12
Liver	+	+	+	+	+	+	+	+	+	+	+	+	12

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Uterus				+	+								2
--------	--	--	--	---	---	--	--	--	--	--	--	--	---

Hematopoietic System

Lymph Node, Mesenteric				+			+			+		+	4
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	12

Integumentary System

NONE

Musculoskeletal System

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 20116-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Aloe vera whole leaf extract (native)

Time Report Requested: 13:04:42

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: NCTR

F 344/N Rat Female  
1% WLN

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	1	1	1	1	1	1	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	4	4	4	4	4	4	
	7	7	8	8	9	9	0	0	1	1	2	2	
	1	2	1	2	1	2	1	2	1	2	1	2	*TOTALS

NONE													
<b>Nervous System</b>													
NONE													
<b>Respiratory System</b>													
NONE													
<b>Special Senses System</b>													
NONE													
<b>Urinary System</b>													
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>SYSTEMIC LESIONS</b>													
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	12

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue

M ..Missing tissue  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically

Experiment Number: 20116-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Aloe vera whole leaf extract (native)

Time Report Requested: 13:04:42

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: NCTR

F 344/N Rat Female  
2% WLN

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	0	0	1	0	1	0	1	1	1
	0	0	0	3	4	0	3	0	3	0	0	0
	0	0	0	1	6	0	1	1	1	1	1	1
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	4	4	4	4	4	4	4	4	4	4	4	4
	3	3	4	4	5	5	6	6	7	7	8	8
	1	2	1	2	1	2	1	2	1	2	1	2
	*TOTALS											

Alimentary System

Esophagus	+	+	+	+	M	+	+	+	+	+	+	+	11
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	12
Liver	+	+	+	+	+	+	+	+	+	+	+	+	12
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	12
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	12
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	12
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	12

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	12
Heart	+	+	+	+	+	+	+	+	+	+	+	+	12

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	12
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	12
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	12
Parathyroid Gland	+	+	+	M	M	+	+	+	+	+	+	+	10

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 20116-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Aloe vera whole leaf extract (native)

Time Report Requested: 13:04:42

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: NCTR

F 344/N Rat Female  
2% WLN

DAY ON TEST	ANIMAL ID												*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	0	0	1	0	1	0	1	1	1	
	0	0	0	3	4	0	3	0	3	0	0	0	
	0	0	0	1	6	0	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	4	4	4	4	4	4	4	4	4	4	4	4	
	3	3	4	4	5	5	6	6	7	7	8	8	
	1	2	1	2	1	2	1	2	1	2	1	2	
Pituitary Gland	+	+	+	+	+	+	+	+	M	+	+	+	11
Thyroid Gland	+	+	+	+	M	+	+	+	+	+	+	+	11
<b>General Body System</b>													
NONE													
<b>Genital System</b>													
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	12
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Hematopoietic System</b>													
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	12
Lymph Node								+					1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	12
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	12
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	12
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Integumentary System</b>													
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
Skin	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Musculoskeletal System</b>													
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	12

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 20116-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Aloe vera whole leaf extract (native)

Time Report Requested: 13:04:42

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: NCTR

F 344/N Rat Female  
2% WLN

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	0	0	1	0	1	0	1	1	1
	0	0	0	3	4	0	3	0	3	0	0	0
	0	0	0	1	6	0	1	1	1	1	1	1
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	4	4	4	4	4	4	4	4	4	4	4	4
	3	3	4	4	5	5	6	6	7	7	8	8
	1	2	1	2	1	2	1	2	1	2	1	2
	*TOTALS											

**Nervous System**

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	+	12
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	12
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	12

**Respiratory System**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	12
Nose	+	+	+	+	+	+	+	+	+	+	+	+	12
Trachea	+	+	+	+	M	+	+	+	+	+	+	+	11

**Special Senses System**

Eye	+	+	+	+	+	+	+	+	+	+	+	+	12
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	12

**Urinary System**

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	12
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	12

**SYSTEMIC LESIONS**

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	12
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\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 20116-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Aloe vera whole leaf extract (native)

Time Report Requested: 13:04:42

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: NCTR

F 344/N Rat Female  
3% WLN

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	0	0	1	0	0	0	0	0	0
	0	0	0	3	2	0	2	3	3	3	3	3
	0	0	0	1	6	0	6	1	1	1	4	4
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3
	1	1	2	2	3	3	4	4	5	5	6	6
	1	2	1	2	1	2	1	2	1	2	1	2
	*TOTALS											

Alimentary System

Esophagus	+	+	+	+		+	+	+	+	+	+	+	11
Intestine Large, Cecum	+	+	+	+		+	+	+	+	+	+	+	11
Intestine Large, Colon	+	+	+	+		+	+	+	+	+	+	+	11
Intestine Large, Rectum	+	+	+	+		+	+	+	+	+	+	+	11
Intestine Small, Duodenum	+	+	+	+		+	+	+	+	+	+	+	11
Intestine Small, Ileum	+	+	+	+		+	+	+	+	+	+	+	11
Intestine Small, Jejunum	+	+	+	+		+	+	+	+	+	+	+	11
Liver	+	+	+	+		+	+	+	+	+	+	+	11
Pancreas	+	+	+	+		+	+	+	+	+	+	+	11
Salivary Glands	+	+	+	+		+	+	+	+	+	+	+	11
Stomach, Forestomach	+	+	+	+		+	+	+	+	+	+	+	11
Stomach, Glandular	+	+	+	+		+	+	+	+	+	+	+	11

Cardiovascular System

Blood Vessel	+	+	+	+		+	+	+	+	+	+	+	11
Heart	+	+	+	+		+	+	+	+	+	+	+	11

Endocrine System

Adrenal Cortex	+	+	+	+		+	+	+	+	+	+	+	11
Adrenal Medulla	+	+	+	M		+	+	+	+	+	+	+	10
Islets, Pancreatic	+	+	+	+		+	+	+	+	+	+	+	11
Parathyroid Gland	+	+	+	+		+	+	+	+	+	+	+	11

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 20116-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Aloe vera whole leaf extract (native)

Time Report Requested: 13:04:42

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: NCTR

F 344/N Rat Female  
3% WLN

DAY ON TEST	ANIMAL ID												*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	0	0	1	0	0	0	0	0	0	
	0	0	0	3	2	0	2	3	3	3	3	3	
	0	0	0	1	6	0	6	1	1	1	4	4	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	
	1	1	2	2	3	3	4	4	5	5	6	6	
	1	2	1	2	1	2	1	2	1	2	1	2	
Pituitary Gland	+	M	+	+		+	+	+	+	+	+	+	10
Thyroid Gland	+	+	+	+		+	+	+	+	+	+	+	11
<b>General Body System</b>													
NONE													
<b>Genital System</b>													
Clitoral Gland	+	+	+	+		+	+	+	+	+	+	+	11
Ovary	+	+	+	+		+	+	+	+	+	+	+	11
Uterus	+	+	+	+		+	+	+	+	+	+	+	11
Vagina								+					1
<b>Hematopoietic System</b>													
Bone Marrow	+	+	+	+		+	+	+	+	+	+	+	11
Lymph Node, Mandibular	+	+	+	+		+	+	+	+	+	+	+	11
Lymph Node, Mesenteric	+	+	+	+		+	+	M	+	+	+	+	10
Spleen	+	+	+	+		+	+	+	+	+	+	+	11
Thymus	+	+	+	+		+	M	+	+	+	+	+	10
<b>Integumentary System</b>													
Mammary Gland	+	+	+	+		+	M	+	M	+	M	+	8
Skin	+	+	+	+		+	+	+	+	+	+	+	11
<b>Musculoskeletal System</b>													
Bone, Femur	+	+	+	+		+	+	+	+	+	+	+	11

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 20116-01

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 90-DAY

Test Compound: Aloe vera whole leaf extract (native)

Time Report Requested: 13:04:42

Route: DOSED WATER

CAS Number: ALOEVLEAFEXT

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: NCTR

F 344/N Rat Female  
3% WLN

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	0	0	1	0	0	0	0	0	0	
	0	0	0	3	2	0	2	3	3	3	3	3	
	0	0	0	1	6	0	6	1	1	1	4	4	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	
	1	1	2	2	3	3	4	4	5	5	6	6	
	1	2	1	2	1	2	1	2	1	2	1	2	*TOTALS

Nervous System

Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	11
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	11
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	11

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	+	11
Nose	+	+	+	+	+	+	+	+	+	+	+	11
Trachea	+	+	+	+	+	+	+	+	+	+	+	11

Special Senses System

Eye	+	+	+	+	+	+	+	+	+	+	+	11
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	11

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	+	11
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	11

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	11
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\*\* END OF REPORT \*\*

\* ..Total animals with tissue examined microscopically; Total animals with tumor

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue