

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Aloe vera whole leaf extract (native)
CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
Time Report Requested: 13:04:35
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

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 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
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

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**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	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
Pituitary Gland	+	M	M	M	+	+	+	+	+	+	+	+	9
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
General Body System													
NONE													
Genital System													
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	12
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	12
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	12
Testes	+	+	+	+	+	+	+	+	+	+	+	+	12
Hematopoietic System													
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	12
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	12
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	12
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	12
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	12
Integumentary System													
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
Skin	+	+	+	+	+	+	+	+	+	+	+	+	12
Musculoskeletal System													

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

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	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
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	12
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
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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

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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

NONE												
Nervous System												
NONE												
Respiratory System												
NONE												
Special Senses System												
NONE												
Urinary System												
Kidney	+	+	+	+	+	+	+	+	+	+	+	11
SYSTEMIC LESIONS												
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	11

* ..Total animals with tissue examined microscopically; Total animals with tumor
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First Dose M/F: NA / NA

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

+ ..Tissue examined microscopically

X ..Lesion present

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Date Report Requested: 10/23/2014

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First Dose M/F: NA / NA

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
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

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First Dose M/F: NA / NA

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

+ ..Tissue examined microscopically

X ..Lesion present

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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
Musculoskeletal System													
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	12
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
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Experiment Number: 20116-01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Aloe vera whole leaf extract (native)
CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:04:35

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:04:35
 First Dose M/F: NA / NA
 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	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
 + ..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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Aloe vera whole leaf extract (native)
CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:04:35

First Dose M/F: NA / NA

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
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
General Body System													
NONE													
Genital System													
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	12
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	12
Hematopoietic System													
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	12
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	12
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	12
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	12
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	12
Integumentary System													
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
Skin	+	+	+	+	+	+	+	+	+	+	+	+	12
Musculoskeletal System													
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:04:35
 First Dose M/F: NA / NA
 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
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* ..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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Aloe vera whole leaf extract (native)
CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:04:36

First Dose M/F: NA / NA

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
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Hematopoietic System

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

Integumentary System

NONE

Musculoskeletal System

* ..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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:04:36
 First Dose M/F: NA / NA
 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													
Nervous System													
NONE													
Respiratory System													
NONE													
Special Senses System													
NONE													
Urinary System													
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	12
SYSTEMIC LESIONS													
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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Aloe vera whole leaf extract (native)
 CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014
 Time Report Requested: 13:04:36
 First Dose M/F: NA / NA
 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
 + ..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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Aloe vera whole leaf extract (native)
CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:04:36

First Dose M/F: NA / NA

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
General Body System													
NONE													
Genital System													
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	12
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	12
Hematopoietic System													
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	12
Lymph Node								+					1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	12
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	12
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	12
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	12
Integumentary System													
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
Skin	+	+	+	+	+	+	+	+	+	+	+	+	12
Musculoskeletal System													
Bone, Femur	+	+	+	+	+	+	+	+	+	+	+	+	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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:04:36

First Dose M/F: NA / NA

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
----------------	---	---	---	---	---	---	---	---	---	---	---	---	----

* ..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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:04:36

First Dose M/F: NA / NA

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

+ ..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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Aloe vera whole leaf extract (native)
CAS Number: ALOEVLEAFEXT

Date Report Requested: 10/23/2014

Time Report Requested: 13:04:36

First Dose M/F: NA / NA

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
+ ..Tissue examined microscopically
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