

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016

Time Report Requested: 10:34:59

First Dose M/F: 11/16/03 / 11/16/03

Lab: NCTR

NTP Study Number: C20116B
Lock Date: Not Entered.
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

Note: Animals arranged according to days on test.

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FISCHER 344 RATS MALE	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	1	1	1	1	1	1	
CONTROL	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	1	1	1	1	1	1	
		7	7	8	8	9	9	0	0	1	1	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

* .. 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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Lab: NCTR

FISCHER 344 RATS MALE CONTROL	DAY ON TEST											ANIMAL ID		
	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	0	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	1	1	1	1	1	1	0	
	7	7	8	8	9	9	0	0	1	1	2	2	0	
	1	2	1	2	1	2	1	2	1	2	1	2	0	
													* TOTALS	

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

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FISCHER 344 RATS MALE CONTROL	DAY ON TEST												* TOTALS
	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0	0 1 0 0	
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	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	12
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	12
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	12
INTEGUMENTARY SYSTEM													
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
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													

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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	
FISCHER 344 RATS MALE	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	
CONTROL	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												
Eye	+	+	+	+	+	+	+	+	+	+	+	+	12
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
URINARY SYSTEM													
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	12
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	12
SYSTEMIC LESIONS													
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	12

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FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0		
		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	1	1	1	1		
1% WLN	ANIMAL ID	0	0	0	0	0	0	0	0	0	0		
		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

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FISCHER 344 RATS MALE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
		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	1	1	1	1	
1% WLN	ANIMAL ID	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	
		3	3	4	4	5	5	6	7	7	8	8
		1	2	1	2	1	2	2	1	2	1	2
											* TOTALS	

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

NONE

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

Kidney

+ + + + + + + + + + +

11

SYSTEMIC LESIONS

Multiple Organ

+ + + + + + + + + + +

11

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| | | | | | | | | | | | | | |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| FISCHER 344 RATS MALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 6 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | |
| 2% WLN | 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 | |
| | | 2 | 2 | 1 | 1 | 3 | 3 | 4 | 4 | 5 | 5 | 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

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| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| FISCHER 344 RATS MALE | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2% WLN | 6 | 2 | 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 | 1 | 1 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |
| * TOTALS | | | | | | | | | | | | |

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

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| FISCHER 344 RATS MALE
2% WLN | DAY ON TEST | | | | | | | | | | | | * TOTALS |
|---------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|----------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 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 | 1 | 1 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | M | + | + | 11 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| Thymus | M | + | + | + | + | + | + | + | + | + | + | + | 11 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | |
| Mammary Gland | M | M | + | + | M | + | + | + | + | M | + | + | 8 |
| 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 | | | | | | | | | | | | | |

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| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|-------------------------|--|---|---|---|---|---|---|---|---|---|---|----------|----|
| DAY ON TEST | | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| FISCHER 344 RATS MALE | | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2% WLN | | 6 | 2 | 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 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 2 | 2 | 1 | 1 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | |
| | | | | | | | | | | | | * TOTALS | |
| 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: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016

Time Report Requested: 10:34:59

First Dose M/F: 11/16/03 / 11/16/03

Lab: NCTR

| | | | | | | | | | | | | | |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| FISCHER 344 RATS MALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 1 | 1 | 4 | 4 | 4 | 0 | 0 | 0 | 1 | 1 | 1 | |
| 3% WLN | 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 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | |
| | | 9 | 0 | 0 | 2 | 3 | 9 | 1 | 1 | 2 | 3 | 4 | |
| | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 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

* .. 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: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016

Time Report Requested: 10:34:59

First Dose M/F: 11/16/03 / 11/16/03

Lab: NCTR

| DAY ON TEST | FISCHER 344 RATS MALE | | | | | | | | | | | | ANIMAL ID |
|-------------|-----------------------|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 1 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 9 | 0 | 0 | 2 | 3 | 9 | 1 | 1 | 2 | 3 | 4 | 4 | 4 | 4 |
| 2 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 2 |
| | | | | | | | | | | | | | * TOTALS |

| | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | M | + | + | 11 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| Pituitary Gland | + | + | + | + | + | M | + | + | + | + | M | + | 10 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | 12 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Coagulating Gland | | | + | + | + | | | | | | | | 3 |
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | 12 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | 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: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016

Time Report Requested: 10:34:59

First Dose M/F: 11/16/03 / 11/16/03

Lab: NCTR

| FISCHER 344 RATS MALE
3% WLN | DAY ON TEST | | | | | | | | | | | | * TOTALS |
|---------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|
| | 0
0
3
1 | 0
0
3
1 | 0
0
3
4 | 0
0
3
4 | 0
0
3
4 | 0
1
0
0 | 0
1
0
0 | 0
1
0
0 | 0
1
0
0 | 0
1
0
1 | 0
1
0
1 | 0
1
0
1 | |
| | ANIMAL ID | | | | | | | | | | | | |
| | 0
0
1
9
2 | 0
0
2
0
1 | 0
0
2
0
2 | 0
0
2
3
1 | 0
0
2
9
1 | 0
0
1
1
1 | 0
0
2
1
1 | 0
0
2
1
2 | 0
0
2
2
2 | 0
0
2
3
2 | 0
0
2
4
1 | 0
0
2
4
2 | |

| | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Lymph Node | | | | | | | | | | | | | 1 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | 12 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Mammary Gland | + | + | + | + | M | + | + | + | + | + | + | + | 11 |
| 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 |

* .. 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: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016

Time Report Requested: 10:34:59

First Dose M/F: 11/16/03 / 11/16/03

Lab: NCTR

| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|------------------------------|--|---|---|---|---|---|---|---|---|---|---|----------|----|
| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | |
| FISCHER 344 RATS MALE | | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3% WLN | | 1 | 1 | 4 | 4 | 4 | 0 | 0 | 0 | 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 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | |
| | | 9 | 0 | 0 | 2 | 3 | 9 | 1 | 1 | 2 | 3 | 4 | |
| | | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | |
| | | | | | | | | | | | | * TOTALS | |
| Trachea | | + | + | + | + | + | + | + | + | + | + | + | 12 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | |
| Eye | | + | + | + | + | + | + | + | + | + | + | + | 12 |
| Harderian Gland | | + | + | + | + | + | + | + | + | + | + | + | 12 |
| URINARY SYSTEM | | | | | | | | | | | | | |
| Kidney | | + | + | + | + | + | + | + | + | + | + | + | 12 |
| Urinary Bladder | | + | + | + | + | + | + | + | + | + | + | + | 12 |
| SYSTEMIC LESIONS | | | | | | | | | | | | | |
| Multiple Organ | | + | + | + | + | + | + | + | + | + | + | + | 12 |

*** 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: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016

Time Report Requested: 10:34:59

First Dose M/F: 11/16/03 / 11/16/03

Lab: NCTR

| 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 |
| FISCHER 344 RATS FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CONTROL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 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

* .. 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: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016

Time Report Requested: 10:34:59

First Dose M/F: 11/16/03 / 11/16/03

Lab: NCTR

| FISCHER 344 RATS FEMALE
CONTROL | DAY ON TEST | | | | | | | | | | | | * TOTALS |
|------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------|
| | 0
1
0
0 | 0
1
0
0 | 0
1
0
0 | 0
1
0
0 | 0
1
0
0 | 0
1
0
0 | 0
1
0
0 | 0
1
0
1 | 0
1
0
1 | 0
1
0
1 | 0
1
0
1 | 0
1
0
1 | |
| | ANIMAL ID | | | | | | | | | | | | |
| | 0
2
5
1 | 0
2
5
2 | 0
2
6
1 | 0
2
6
2 | 0
2
7
1 | 0
2
7
2 | 0
2
8
1 | 0
2
8
2 | 0
2
9
1 | 0
2
9
2 | 0
3
0
1 | 0
3
0
2 | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| Parathyroid Gland | + | + | + | + | + | M | + | + | + | + | + | + | 11 |
| 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 |

* .. 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: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016

Time Report Requested: 10:34:59

First Dose M/F: 11/16/03 / 11/16/03

Lab: NCTR

| DAY ON TEST | FISCHER 344 RATS FEMALE | | | | | | | | | | | | * TOTALS |
|-------------------------------|-------------------------|---|---|---|---|---|---|---|---|---|---|---|----------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | CONTROL | | | | | | | | | | | | * TOTALS |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| 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 |

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

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Experiment Number: 20116 - 01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016

Time Report Requested: 10:34:59

First Dose M/F: 11/16/03 / 11/16/03

Lab: NCTR

| | | | | | | | | | | | | | | |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|-----------------|--|---|
| FISCHER 344 RATS FEMALE | 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 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| CONTROL | ANIMAL ID | 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 | | |

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: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016

Time Report Requested: 10:34:59

First Dose M/F: 11/16/03 / 11/16/03

Lab: NCTR

| | | | | | | | | | | | | | |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| FISCHER 344 RATS FEMALE | 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 | |
| 1% WLN | ANIMAL ID | 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 | |
| | | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 | 1 | 1 | 2 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 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

* .. 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: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016

Time Report Requested: 10:34:59

First Dose M/F: 11/16/03 / 11/16/03

Lab: NCTR

| | | | | | | | | | | | | | |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|
| FISCHER 344 RATS FEMALE | 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 |
| 1% WLN | 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 | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

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: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016

Time Report Requested: 10:34:59

First Dose M/F: 11/16/03 / 11/16/03

Lab: NCTR

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--------------------------------|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FISCHER 344 RATS FEMALE | | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 3 | 3 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 1 | 1 | 1 | 6 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 2% WLN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | | 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 | 4 | 4 |
| | | 4 | 6 | 7 | 5 | 3 | 3 | 4 | 5 | 6 | 7 | 8 | 8 | 8 | 8 |
| | | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 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

* .. 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: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016

Time Report Requested: 10:34:59

First Dose M/F: 11/16/03 / 11/16/03

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| FISCHER 344 RATS FEMALE | 3 | 3 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2% WLN | 1 | 1 | 1 | 6 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | 4 | 6 | 7 | 5 | 3 | 3 | 4 | 5 | 6 | 7 | 8 | 8 | |
| | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | * TOTALS |

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

* .. 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: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016

Time Report Requested: 10:34:59

First Dose M/F: 11/16/03 / 11/16/03

Lab: NCTR

| DAY ON TEST | FISCHER 344 RATS FEMALE | | | | | | | | | | | * TOTALS | |
|-------------------------------|-------------------------|---|---|---|---|---|---|---|---|---|---|-----------------|-----------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| ANIMAL ID | 2% WLN | | | | | | | | | | | * TOTALS | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 3 | 3 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 6 | 0 | 0 | 0 | 0 | 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 | |
| | 4 | 6 | 7 | 5 | 3 | 3 | 4 | 5 | 6 | 7 | 8 | 8 | |
| | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | |
| | | | | | | | | | | | | * TOTALS | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| 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 | + | + | + | M | + | + | + | + | + | + | + | + | 11 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | 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: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016

Time Report Requested: 10:34:59

First Dose M/F: 11/16/03 / 11/16/03

Lab: NCTR

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|--------------------------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|-----------|
| | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| FISCHER 344 RATS FEMALE | 3 | 3 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2% WLN | 1 | 1 | 1 | 6 | 0 | 0 | 0 | 0 | 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 | |
| | 4 | 6 | 7 | 5 | 3 | 3 | 4 | 5 | 6 | 7 | 8 | 8 | |
| | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | |
| | * TOTALS | | | | | | | | | | | | |
| 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

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Experiment Number: 20116 - 01

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Route: DOSED WATER

Species/Strain: RATS/F 344/N

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Aloe vera whole leaf extract (native)

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Time Report Requested: 10:34:59

First Dose M/F: 11/16/03 / 11/16/03

Lab: NCTR

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--------------------------------|-------|---|---|---|---|---|---|---|---|---|---|---|---|
| FISCHER 344 RATS FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | |
| | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | |
| | 6 | 6 | 1 | 1 | 1 | 1 | 4 | 4 | 0 | 0 | 0 | 0 | |
| | <hr/> | | | | | | | | | | | | |
| 3% WLN | 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 | |
| | 3 | 4 | 2 | 4 | 5 | 5 | 6 | 6 | 1 | 1 | 2 | 3 | |
| ANIMAL ID | | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | |
| * 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

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

M .. Missing tissue
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Experiment Number: 20116 - 01

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P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016

Time Report Requested: 10:34:59

First Dose M/F: 11/16/03 / 11/16/03

Lab: NCTR

| DAY ON TEST | FISCHER 344 RATS FEMALE | | | | | | | | | | | ANIMAL ID |
|-----------------|-------------------------|---|---|---|---|---|---|---|---|---|---|-----------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 6 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 |
| | 6 | 6 | 1 | 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 | 0 | 0 | 0 | 0 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 3 | 4 | 2 | 4 | 5 | 5 | 6 | 6 | 1 | 1 | 2 | 3 |
| | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |
| * TOTALS | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Adrenal Medulla | + | M | + | + | + | + | + | + | + | + | + | + | 10 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Pituitary Gland | + | + | + | + | + | + | + | + | M | + | + | + | 10 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | 11 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Vagina | | | | + | | | | | | | | | 1 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Lymph Node, Mesenteric | + | + | 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: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Aloe vera whole leaf extract (native)

CAS Number: ALOEVLEAFEXT

Date Report Requested: 09/06/2016

Time Report Requested: 10:34:59

First Dose M/F: 11/16/03 / 11/16/03

Lab: NCTR

| DAY ON TEST | FISCHER 344 RATS FEMALE | | | | | | | | | | | * TOTALS |
|-------------------------------|-------------------------|---|---|---|---|---|---|---|---|---|---|----------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 6 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 |
| | 6 | 6 | 1 | 1 | 1 | 1 | 4 | 4 | 0 | 0 | 0 | 0 |
| 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 |
| | 3 | 4 | 2 | 4 | 5 | 5 | 6 | 6 | 1 | 1 | 2 | 3 |
| | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |
| Spleen | | + | + | + | + | + | + | + | + | + | + | + |
| Thymus | M | + | + | + | + | + | + | + | + | + | + | + |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | |
| Mammary Gland | M | + | + | M | + | M | + | + | + | + | + | + |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + |
| NERVOUS SYSTEM | | | | | | | | | | | | |
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + |
| RESPIRATORY SYSTEM | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + |

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| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--------------------------------|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| FISCHER 344 RATS FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | | | |
| | | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | | | |
| | | 6 | 6 | 1 | 1 | 1 | 1 | 4 | 4 | 0 | 0 | 0 | 0 | | | |
| | 3% WLN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| ANIMAL ID | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | |
| | | 3 | 4 | 2 | 4 | 5 | 5 | 6 | 6 | 1 | 1 | 2 | 3 | | | |
| | | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | | | |
| * TOTALS | | | | | | | | | | | | | | | | |
| Harderian Gland | | | + | + | + | + | + | + | + | + | + | + | + | + | + | 11 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | |
| Kidney | | | + | + | + | + | + | + | + | + | + | + | + | + | + | 11 |
| Urinary Bladder | | | + | + | + | + | + | + | + | + | + | + | + | + | + | 11 |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | |
| Multiple Organ | | | + | + | + | + | + | + | + | + | + | + | + | + | + | 11 |

*** END OF REPORT ***

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