

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

P07: 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

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Lab: NCTR

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	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

* .. 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	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

ENDOCRINE SYSTEM

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

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Lab: NCTR

FISCHER 344 RATS MALE CONTROL	DAY ON TEST											* TOTALS
	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	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	
	7	7	8	8	9	9	0	0	1	1	2	2
	1	2	1	2	1	2	1	2	1	2	1	2
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
NERVOUS SYSTEM												
Brain, Brain Stem	+	+	+	+	+	+	+	+	+	+	+	12
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	12
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	12
RESPIRATORY SYSTEM												
Lung	+	+	+	+	+	+	+	+	+	+	+	12

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	ANIMAL ID		
	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			
CONTROL	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
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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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	
	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

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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	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	
		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

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 | | |
| | | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | | 0 | 0 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 6 | 2 | 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 | | |
| | | 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 |

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| | | | | | | | | | | | | | | |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|-----------------|--|---|
| FISCHER 344 RATS MALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | | 0 | 0 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 6 | 2 | 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 | | |
| | | 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 | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| 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

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
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| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| FISCHER 344 RATS MALE | 0 | 0 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2% WLN | 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 | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| 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 |

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Lab: NCTR

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

P07: 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 |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|
| FISCHER 344 RATS MALE | 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 | |
| | | | | | | | | | | | | | |
| 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 | |
| | 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 |

* .. 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

P07: 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 | |
| | | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | |
| | | 0 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | |
| | | 0 | 1 | 1 | 4 | 0 | 0 | 4 | 1 | 4 | 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 | | |
| | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | 9 | 9 | 0 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | * TOTALS | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|-----------|
| 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 |

* .. 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

P07: 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 | |
| | | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | |
| | | 0 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | |
| | | 0 | 1 | 1 | 4 | 0 | 0 | 4 | 1 | 4 | 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 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 9 | 9 | 0 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | * TOTALS | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| 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 |

* .. 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

P07: 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 | * TOTALS |
| | | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | |
| | | 0 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | |
| | | 0 | 1 | 1 | 4 | 0 | 0 | 4 | 1 | 4 | 1 | 1 | |
| 3% WLN | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 9 | 9 | 0 | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | | |

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 |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|-----------|

*** 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

P07: 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 | |
| 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 | |
| | 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 |

* .. 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

P07: 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 | | |
| | 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 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|-----------|
| 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 |

* .. 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

P07: 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 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 | |
| | 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 | |
| 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 |

* .. 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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 BLANK .. Not examined microscopically

Experiment Number: 20116 - 01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: RATS/F 344/N

P07: 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

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: RATS/F 344/N

P07: 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 | | 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

* .. 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

P07: 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 | | | | | | | | | | | | | |

NONE

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

P07: 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 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | |
| | | 0 | 0 | 0 | 3 | 4 | 0 | 3 | 0 | 3 | 0 | 0 | |
| | | 0 | 0 | 0 | 1 | 6 | 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 | |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 7 | 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 |

* .. 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

P07: 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 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | |
| | | 0 | 0 | 0 | 3 | 4 | 0 | 3 | 0 | 3 | 0 | 0 | |
| | | 0 | 0 | 0 | 1 | 6 | 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 | | |
| | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | * TOTALS | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|-----------|
| 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 |

* .. 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

P07: 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 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | |
| FISCHER 344 RATS FEMALE | 0 | 0 | 0 | 3 | 4 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 1 | 6 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 2% 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 | |
| ANIMAL ID | 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 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | 12 |
| 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 |

* .. 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

P07: 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 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | |
| FISCHER 344 RATS FEMALE | 0 | 0 | 0 | 3 | 4 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | |
| 2% WLN | 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 | | | | | | | | | | | | |
| 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
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Experiment Number: 20116 - 01

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: RATS/F 344/N

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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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 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 3 | 2 | 0 | 2 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 0 | 0 | 0 | 1 | 6 | 0 | 6 | 1 | 1 | 1 | 4 | 4 | |
| | <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 | 0 | 0 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 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 |

* .. 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

P07: 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 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 3 | 2 | 0 | 2 | 3 | 3 | 3 | 3 | |
| | | 0 | 0 | 0 | 1 | 6 | 0 | 6 | 1 | 1 | 4 | 4 | |
| 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 | | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | * TOTALS | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|-----------|
| 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 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|-----------|

* .. 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

P07: 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 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | |
| FISCHER 344 RATS FEMALE | 0 | 0 | 0 | 3 | 2 | 0 | 2 | 3 | 3 | 3 | 3 | 3 | |
| | 0 | 0 | 0 | 1 | 6 | 0 | 6 | 1 | 1 | 1 | 4 | 4 | |
| 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 | |
| ANIMAL ID | 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 |
| Lymph Node, Mandibular | + | + | + | + | | + | + | + | + | + | + | + | 11 |
| Lymph Node, Mesenteric | + | + | + | + | | + | + | M | + | + | + | + | 10 |
| Spleen | + | + | + | + | | + | + | + | + | + | + | + | 11 |
| Thymus | + | + | + | + | | + | M | + | + | + | + | + | 10 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | | + | M | + | M | + | M | + | 8 |
| Skin | + | + | + | + | | + | + | + | + | + | + | + | 11 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | |
| Bone, Femur | + | + | + | + | | + | + | + | + | + | + | + | 11 |
| NERVOUS SYSTEM | | | | | | | | | | | | | |
| Brain, Brain Stem | + | + | + | + | | + | + | + | + | + | + | + | 11 |
| Brain, Cerebellum | + | + | + | + | | + | + | + | + | + | + | + | 11 |
| Brain, Cerebrum | + | + | + | + | | + | + | + | + | + | + | + | 11 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | |
| Lung | + | + | + | + | | + | + | + | + | + | + | + | 11 |
| Nose | + | + | + | + | | + | + | + | + | + | + | + | 11 |

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Test Type: 90-DAY

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P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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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 | | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | |
| FISCHER 344 RATS FEMALE | | 0 | 0 | 0 | 3 | 2 | 0 | 2 | 3 | 3 | 3 | 3 | |
| 3% WLN | | 0 | 0 | 0 | 1 | 6 | 0 | 6 | 1 | 1 | 1 | 4 | |
| ANIMAL ID | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | |
| * TOTALS | | | | | | | | | | | | | |
| Trachea | | + | + | + | + | | + | + | + | + | + | + | 11 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | |
| Eye | | + | + | + | + | | + | + | + | + | + | + | 11 |
| Harderian Gland | | + | + | + | + | | + | + | + | + | + | + | 11 |
| URINARY SYSTEM | | | | | | | | | | | | | |
| Kidney | | + | + | + | + | | + | + | + | + | + | + | 11 |
| Urinary Bladder | | + | + | + | + | | + | + | + | + | + | + | 11 |
| SYSTEMIC LESIONS | | | | | | | | | | | | | |
| Multiple Organ | | + | + | + | + | | + | + | + | + | + | + | 11 |

*** END OF REPORT ***

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