

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

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**

Aloe vera whole leaf extract (native)

**CAS Number:** ALOEVLEAFEXT

**Date Report Requested:** 09/06/2016

**Time Report Requested:** 10:34:58

**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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FISCHER 344 RATS MALE

CONTROL

1% WLN

2% WLN

3% WLN

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**Disposition Summary**

Animals Initially In Study	12	11	12	12
Early Deaths				
Moribund Sacrifice			2	5
Survivors				
Terminal Sacrifice	12	11	10	7
Animals Examined Microscopically	12	11	12	12

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ALIMENTARY SYSTEM

Esophagus	(12)	(0)	(12)	(12)
Intestine Large, Cecum	(12)	(11)	(12)	(12)
Intestine Large, Colon	(12)	(11)	(12)	(12)
Intestine Large, Rectum	(10)	(0)	(11)	(11)
Intestine Small, Duodenum	(12)	(0)	(12)	(12)
Intestine Small, Ileum	(12)	(0)	(12)	(12)
Intestine Small, Jejunum	(12)	(0)	(12)	(12)
Liver	(12)	(11)	(12)	(12)
Pancreas	(12)	(0)	(12)	(12)
Salivary Glands	(12)	(0)	(12)	(12)
Stomach, Forestomach	(12)	(0)	(12)	(12)
Stomach, Glandular	(12)	(0)	(12)	(12)

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CARDIOVASCULAR SYSTEM

Blood Vessel	(12)	(0)	(12)	(12)
Heart	(12)	(0)	(12)	(12)

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ENDOCRINE SYSTEM

Adrenal Cortex	(12)	(0)	(11)	(12)
Adrenal Medulla	(11)	(0)	(10)	(11)
Islets, Pancreatic	(12)	(0)	(12)	(12)
Parathyroid Gland	(12)	(0)	(12)	(12)

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a - Number of animals examined microscopically at site and number of animals with lesion

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FISCHER 344 RATS MALE	CONTROL	1% WLN	2% WLN	3% WLN
Pituitary Gland	(9)	(0)	(12)	(10)
Thyroid Gland	(12)	(0)	(12)	(12)

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GENERAL BODY SYSTEM

None

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GENITAL SYSTEM

Coagulating Gland	(0)	(0)	(0)	(3)
Epididymis	(12)	(0)	(12)	(12)
Preputial Gland	(12)	(0)	(12)	(12)
Prostate	(12)	(0)	(12)	(12)
Seminal Vesicle	(12)	(0)	(12)	(12)
Testes	(12)	(0)	(12)	(12)

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HEMATOPOIETIC SYSTEM

Bone Marrow	(12)	(0)	(12)	(12)
Lymph Node	(0)	(0)	(0)	(1)
Lymph Node, Mandibular	(12)	(0)	(12)	(12)
Lymph Node, Mesenteric	(12)	(3)	(11)	(12)
Spleen	(12)	(11)	(12)	(12)
Thymus	(12)	(0)	(11)	(12)

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INTEGUMENTARY SYSTEM

Mammary Gland	(12)	(0)	(8)	(11)
Skin	(12)	(0)	(12)	(12)

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MUSCULOSKELETAL SYSTEM

Bone, Femur	(12)	(0)	(12)	(12)
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FISCHER 344 RATS MALE	CONTROL	1% WLN	2% WLN	3% WLN
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NERVOUS SYSTEM				
Brain, Brain Stem	(12)	(0)	(12)	(12)
Brain, Cerebellum	(12)	(0)	(12)	(12)
Brain, Cerebrum	(12)	(0)	(12)	(12)
<hr/>				
RESPIRATORY SYSTEM				
Lung	(12)	(0)	(12)	(12)
Nose	(12)	(0)	(12)	(12)
Trachea	(12)	(0)	(12)	(12)
<hr/>				
SPECIAL SENSES SYSTEM				
Eye	(12)	(0)	(12)	(12)
Harderian Gland	(12)	(0)	(12)	(12)
<hr/>				
URINARY SYSTEM				
Kidney	(12)	(11)	(12)	(12)
Urinary Bladder	(12)	(0)	(12)	(12)

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FISCHER 344 RATS MALE

CONTROL

1% WLN

2% WLN

3% WLN

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**Tumor Summary for Males**

Total Animals with Primary Neoplasms (b)

Total Primary Neoplasms

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms

Uncertain Primary Site

Total Animals with Neoplasms Uncertain-

Benign or Malignant

Total Uncertain Neoplasms

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

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

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FISCHER 344 RATS FEMALE

CONTROL

1% WLN

2% WLN

3% WLN

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**Disposition Summary**

Animals Initially In Study	12	12	12	12
Early Deaths				
Moribund Sacrifice			4	7
Natural Death				1
Survivors				
Terminal Sacrifice	12	12	8	4
Animals Examined Microscopically	12	12	12	11

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ALIMENTARY SYSTEM

Esophagus	(12)	(0)	(11)	(11)
Intestine Large, Cecum	(12)	(12)	(12)	(11)
Intestine Large, Colon	(12)	(12)	(12)	(11)
Intestine Large, Rectum	(11)	(0)	(12)	(11)
Intestine Small, Duodenum	(12)	(0)	(12)	(11)
Intestine Small, Ileum	(12)	(0)	(12)	(11)
Intestine Small, Jejunum	(12)	(0)	(12)	(11)
Liver	(12)	(12)	(12)	(11)
Pancreas	(12)	(0)	(12)	(11)
Salivary Glands	(12)	(0)	(12)	(11)
Stomach, Forestomach	(12)	(0)	(12)	(11)
Stomach, Glandular	(12)	(0)	(12)	(11)

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CARDIOVASCULAR SYSTEM

Blood Vessel	(12)	(0)	(12)	(11)
Heart	(12)	(0)	(12)	(11)

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ENDOCRINE SYSTEM

Adrenal Cortex	(12)	(0)	(12)	(11)
Adrenal Medulla	(12)	(0)	(12)	(10)
Islets, Pancreatic	(12)	(0)	(12)	(11)

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FISCHER 344 RATS FEMALE	CONTROL	1% WLN	2% WLN	3% WLN
Parathyroid Gland	(11)	(0)	(10)	(11)
Pituitary Gland	(12)	(0)	(11)	(10)
Thyroid Gland	(12)	(0)	(11)	(11)

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GENERAL BODY SYSTEM

None

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GENITAL SYSTEM

Clitoral Gland	(12)	(0)	(12)	(11)
Ovary	(12)	(0)	(12)	(11)
Uterus	(12)	(2)	(12)	(11)
Vagina	(0)	(0)	(0)	(1)

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HEMATOPOIETIC SYSTEM

Bone Marrow	(12)	(0)	(12)	(11)
Lymph Node	(0)	(0)	(1)	(0)
Lymph Node, Mandibular	(12)	(0)	(12)	(11)
Lymph Node, Mesenteric	(12)	(4)	(12)	(10)
Spleen	(12)	(12)	(12)	(11)
Thymus	(12)	(0)	(12)	(10)

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INTEGUMENTARY SYSTEM

Mammary Gland	(12)	(0)	(12)	(8)
Skin	(12)	(0)	(12)	(11)

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MUSCULOSKELETAL SYSTEM

Bone, Femur	(12)	(0)	(12)	(11)
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FISCHER 344 RATS FEMALE	CONTROL	1% WLN	2% WLN	3% WLN
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NERVOUS SYSTEM				
Brain, Brain Stem	(12)	(0)	(12)	(11)
Brain, Cerebellum	(12)	(0)	(12)	(11)
Brain, Cerebrum	(12)	(0)	(12)	(11)
<hr/>				
RESPIRATORY SYSTEM				
Lung	(12)	(0)	(12)	(11)
Nose	(12)	(0)	(12)	(11)
Trachea	(12)	(0)	(11)	(11)
<hr/>				
SPECIAL SENSES SYSTEM				
Eye	(12)	(0)	(12)	(11)
Harderian Gland	(12)	(0)	(12)	(11)
<hr/>				
URINARY SYSTEM				
Kidney	(12)	(12)	(12)	(11)
Urinary Bladder	(12)	(0)	(12)	(11)

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FISCHER 344 RATS FEMALE

CONTROL

1% WLN

2% WLN

3% WLN

---

## Tumor Summary for Females

Total Animals with Primary Neoplasms (b)

Total Primary Neoplasms

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms

Uncertain Primary Site

Total Animals with Neoplasms Uncertain-

Benign or Malignant

Total Uncertain Neoplasms

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\*\*\* END OF REPORT \*\*\*

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors