

Experiment Number: 20313 - 03

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS
ABRIDGED) (a)**

Date Report Requested: 09/22/2016

Test Type: 90-DAY

Acrylamide

Time Report Requested: 07:57:14

Route: DOSED FEED

CAS Number: 79-06-1

First Dose M/F: 08/09/04 / 08/09/04

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

NTP Study Number: C20313B
Lock Date: 03/06/2013
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

Test Type: 90-DAY

Acrylamide

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First Dose M/F: 08/09/04 / 08/09/04

Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE	Control Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
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Disposition Summary

Animals Initially In Study	8	8	8	8	8	8
Early Deaths						
Survivors						
Terminal Sacrifice	8	8	8	8	8	8
Animals Examined Microscopically	8	8	8	8	8	8

ALIMENTARY SYSTEM

Esophagus	(8)	(0)	(0)	(0)	(0)	(8)
Intestine Large, Cecum	(8)	(0)	(0)	(0)	(0)	(8)
Intestine Large, Colon	(8)	(0)	(0)	(0)	(0)	(8)
Intestine Large, Rectum	(8)	(0)	(0)	(0)	(0)	(8)
Intestine Small, Duodenum	(8)	(0)	(0)	(0)	(0)	(8)
Intestine Small, Ileum	(8)	(0)	(0)	(0)	(0)	(8)
Intestine Small, Jejunum	(8)	(0)	(0)	(0)	(0)	(8)
Liver	(8)	(1)	(1)	(0)	(1)	(8)
Pancreas	(8)	(0)	(0)	(0)	(0)	(8)
Salivary Glands	(8)	(0)	(0)	(0)	(0)	(8)
Stomach, Forestomach	(8)	(0)	(0)	(0)	(0)	(8)
Stomach, Glandular	(8)	(0)	(0)	(0)	(0)	(8)
Tongue	(8)	(0)	(0)	(0)	(0)	(8)

CARDIOVASCULAR SYSTEM

Blood Vessel	(8)	(0)	(0)	(0)	(0)	(8)
Heart	(8)	(0)	(0)	(0)	(0)	(8)

ENDOCRINE SYSTEM

Adrenal Cortex	(8)	(0)	(0)	(0)	(0)	(8)
Adrenal Medulla	(8)	(0)	(0)	(0)	(0)	(8)
Islets, Pancreatic	(8)	(0)	(0)	(0)	(0)	(8)
Parathyroid Gland	(7)	(0)	(0)	(0)	(0)	(8)

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

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Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE	Control Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
Pituitary Gland	(8)	(0)	(0)	(0)	(0)	(8)
Thyroid Gland	(8)	(0)	(0)	(0)	(0)	(8)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(8)	(8)	(8)	(8)	(8)	(8)
Preputial Gland	(8)	(0)	(0)	(0)	(0)	(8)
Prostate	(8)	(0)	(0)	(0)	(0)	(8)
Seminal Vesicle	(8)	(0)	(0)	(0)	(0)	(8)
Testes	(8)	(8)	(8)	(8)	(8)	(8)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(8)	(0)	(0)	(0)	(0)	(8)
Lymph Node, Mandibular	(8)	(0)	(0)	(0)	(0)	(8)
Lymph Node, Mesenteric	(8)	(0)	(0)	(0)	(0)	(8)
Spleen	(8)	(0)	(0)	(0)	(0)	(8)
Thymus	(8)	(0)	(0)	(0)	(0)	(8)
INTEGUMENTARY SYSTEM						
Mammary Gland	(7)	(0)	(0)	(0)	(0)	(8)
Skin	(8)	(0)	(0)	(0)	(0)	(8)
MUSCULOSKELETAL SYSTEM						
Bone, Femur	(8)	(0)	(0)	(0)	(0)	(8)
Skeletal Muscle	(8)	(0)	(0)	(0)	(8)	(8)

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

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Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE	Control Feed M	7.4 PPM Acryl M	18.5 PPM Acryl M	37 PPM Acryl M	74 PPM Acryl M	185 PPM Acryl M
NERVOUS SYSTEM						
Brain, Brain Stem	(8)	(0)	(0)	(0)	(0)	(8)
Brain, Cerebellum	(8)	(0)	(0)	(0)	(0)	(8)
Brain, Cerebrum	(8)	(0)	(0)	(0)	(0)	(8)
Peripheral Nerve	(8)	(0)	(0)	(0)	(8)	(8)
Spinal Cord, Cervical	(8)	(0)	(0)	(0)	(0)	(8)
Spinal Cord, Lumbar	(8)	(0)	(0)	(0)	(0)	(8)
Spinal Cord, Thoracic	(8)	(0)	(0)	(0)	(0)	(8)
RESPIRATORY SYSTEM						
Lung	(8)	(0)	(0)	(0)	(0)	(8)
Nose	(8)	(0)	(0)	(0)	(0)	(8)
Trachea	(8)	(0)	(0)	(0)	(0)	(8)
SPECIAL SENSES SYSTEM						
Eye	(8)	(0)	(0)	(0)	(0)	(8)
Harderian Gland	(8)	(0)	(0)	(0)	(0)	(8)
URINARY SYSTEM						
Kidney	(8)	(0)	(0)	(0)	(0)	(8)
Urinary Bladder	(8)	(0)	(0)	(0)	(0)	(8)

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

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Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS MALE

Control Feed M

7.4 PPM Acryl M

18.5 PPM Acryl M

37 PPM Acryl M

74 PPM Acryl M

185 PPM Acryl M

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

*** 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

Test Type: 90-DAY

Acrylamide

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Species/Strain: RATS/F 344/NCTR

Lab: NCTR

FISCHER 344 RATS-NCTR RATS FEMALE

Control Feed F

7.4 PPM Acryl F

18.5 PPM Acryl F

37 PPM Acryl F

74 PPM Acryl F

185 PPM Acryl F

Disposition Summary

	Control Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Animals Initially In Study	8	8	8	8	8	8
Early Deaths						
Survivors						
Terminal Sacrifice	8	8	8	8	8	8
Animals Examined Microscopically	8	3	2	2	8	8

ALIMENTARY SYSTEM

Esophagus	(8)	(0)	(0)	(0)	(0)	(8)
Intestine Large, Cecum	(8)	(0)	(0)	(0)	(0)	(8)
Intestine Large, Colon	(8)	(0)	(0)	(0)	(0)	(8)
Intestine Large, Rectum	(8)	(0)	(0)	(0)	(0)	(8)
Intestine Small, Duodenum	(8)	(0)	(0)	(0)	(0)	(8)
Intestine Small, Ileum	(8)	(0)	(0)	(0)	(0)	(8)
Intestine Small, Jejunum	(8)	(0)	(0)	(0)	(0)	(8)
Liver	(8)	(1)	(2)	(1)	(1)	(8)
Mesentery	(0)	(1)	(0)	(1)	(0)	(0)
Pancreas	(8)	(0)	(0)	(0)	(0)	(8)
Salivary Glands	(8)	(0)	(0)	(0)	(0)	(8)
Stomach, Forestomach	(8)	(0)	(0)	(0)	(0)	(8)
Stomach, Glandular	(8)	(0)	(0)	(0)	(0)	(8)
Tongue	(8)	(0)	(0)	(0)	(0)	(8)

CARDIOVASCULAR SYSTEM

Blood Vessel	(8)	(0)	(0)	(0)	(0)	(8)
Heart	(8)	(0)	(0)	(0)	(0)	(8)

ENDOCRINE SYSTEM

Adrenal Cortex	(8)	(0)	(0)	(0)	(0)	(8)
Adrenal Medulla	(8)	(0)	(0)	(0)	(0)	(8)
Islets, Pancreatic	(8)	(0)	(0)	(0)	(0)	(8)

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FISCHER 344 RATS-NCTR RATS FEMALE	Control Feed F	7.4 PPM Acryl F	18.5 PPM Acryl F	37 PPM Acryl F	74 PPM Acryl F	185 PPM Acryl F
Parathyroid Gland	(8)	(0)	(0)	(0)	(0)	(8)
Pituitary Gland	(8)	(0)	(0)	(0)	(0)	(8)
Thyroid Gland	(8)	(0)	(0)	(0)	(0)	(8)

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Clitoral Gland	(8)	(0)	(0)	(0)	(0)	(8)
Ovary	(8)	(1)	(0)	(0)	(1)	(8)
Uterus	(8)	(2)	(0)	(1)	(0)	(8)

HEMATOPOIETIC SYSTEM

Bone Marrow	(8)	(0)	(0)	(0)	(0)	(8)
Lymph Node	(0)	(0)	(1)	(0)	(0)	(0)
Lymph Node, Mandibular	(8)	(0)	(0)	(0)	(0)	(8)
Lymph Node, Mesenteric	(8)	(0)	(0)	(0)	(0)	(8)
Spleen	(8)	(0)	(0)	(0)	(0)	(8)
Thymus	(8)	(0)	(0)	(0)	(0)	(8)

INTEGUMENTARY SYSTEM

Mammary Gland	(8)	(0)	(0)	(0)	(0)	(8)
Skin	(8)	(0)	(0)	(0)	(0)	(8)

MUSCULOSKELETAL SYSTEM

Bone, Femur	(8)	(0)	(0)	(0)	(0)	(8)
Skeletal Muscle	(8)	(0)	(0)	(0)	(8)	(8)

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NERVOUS SYSTEM						
Brain, Brain Stem	(8)	(0)	(0)	(0)	(0)	(8)
Brain, Cerebellum	(8)	(0)	(0)	(0)	(0)	(8)
Brain, Cerebrum	(8)	(0)	(0)	(0)	(0)	(8)
Peripheral Nerve	(8)	(0)	(0)	(0)	(8)	(8)
Spinal Cord, Cervical	(8)	(0)	(0)	(0)	(0)	(8)
Spinal Cord, Lumbar	(8)	(0)	(0)	(0)	(0)	(8)
Spinal Cord, Thoracic	(8)	(0)	(0)	(0)	(0)	(8)
RESPIRATORY SYSTEM						
Lung	(8)	(0)	(0)	(0)	(0)	(8)
Nose	(8)	(0)	(0)	(0)	(0)	(8)
Trachea	(8)	(0)	(0)	(0)	(0)	(8)
SPECIAL SENSES SYSTEM						
Eye	(8)	(0)	(0)	(0)	(0)	(8)
Harderian Gland	(8)	(0)	(0)	(0)	(0)	(8)
URINARY SYSTEM						
Kidney	(8)	(0)	(0)	(0)	(0)	(8)
Urinary Bladder	(8)	(0)	(0)	(0)	(0)	(7)

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Control Feed F

7.4 PPM Acryl F

18.5 PPM Acryl F

37 PPM Acryl F

74 PPM Acryl F

185 PPM Acryl F

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

*** 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