

Experiment Number: 20313-03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/F 344/NCTR

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

Test Compound: Acrylamide
CAS Number: 79-06-1

Date Report Requested: 10/23/2014
Time Report Requested: 09:16:01
First Dose M/F: NA / NA
Lab: NCTR

C Number:	C20313B
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

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F 344/NCTR Rat 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
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)

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

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F 344/NCTR Rat 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
Islets, Pancreatic	(8)	(0)	(0)	(0)	(0)	(8)
Parathyroid Gland	(7)	(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						
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)
NERVOUS SYSTEM						
Brain, Brain Stem	(8)	(0)	(0)	(0)	(0)	(8)

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F 344/NCTR Rat 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
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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* Number of animals with any tissue examined microscopically

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F 344/NCTR Rat 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 MALE

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 DATA

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

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* Number of animals with any tissue examined microscopically

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F 344/NCTR Rat 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						
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)

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Adrenal Medulla	(8)	(0)	(0)	(0)	(0)	(8)
Islets, Pancreatic	(8)	(0)	(0)	(0)	(0)	(8)
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)
NERVOUS SYSTEM						
Brain, Brain Stem	(8)	(0)	(0)	(0)	(0)	(8)

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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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F 344/NCTR Rat 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
Tumor Summary for FEMALE						
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 ****

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b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically