Experiment Number: 20313-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/NCTR

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Acrylamide
CAS Number: 79-06-1

Date Report Requested: 10/23/2014
Time Report Requested: 10:34:33
First Dose M/F: NA / NA
Lab: NCTR

C Number: C20313
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
Experiment Number: 20313-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/NCTR

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

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

Date Report Requested: 10/23/2014  
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First Dose M/F: NA / NA  
Lab: NCTR

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* ..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

**Alimentary System**

- Esophagus: + + + + + + + + 8  
- Intestine Large, Cecum: + + + + + + + + 8  
- Intestine Large, Colon: + + + + + + + + 8  
- Intestine Large, Rectum: + + + + + + + + 8  
- Intestine Small, Duodenum: + + + + + + + + 8  
- Intestine Small, Ileum: + + + + + + + + 8  
- Intestine Small, Jejunum: + + + + + + + + 8  
- Liver: + + + + + + + + 8  
- Pancreas: + + + + + + + + 8  
- Salivary Glands: + + + + + + + + 8  
- Stomach, Foregut: + + + + + + + + 8  
- Stomach, Glandular: + + + + + + + + 8  
- Tongue: + + + + + + + + 8  

**Cardiovascular System**

- Blood Vessel: + + + + + + + + 8  
- Heart: + + + + + + + + 8  

**Endocrine System**

- Adrenal Cortex: + + + + + + + + 8  
- Adrenal Medulla: + + + + + + + + 8  
- Islets, Pancreatic: + + + + + + + + 8  

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*Page 2*
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**F 344/NCTR Rat Male**

**CONTROL**

- **Parathyroid Gland**: + + + + + + + + 8
- **Pituitary Gland**: + + + + + + + + 8
- **Thyroid Gland**: + + + + + + + + 8

**General Body System**

- **NONE**

**Genital System**

- **Epididymis**: + + + + + + + + 8
- **Preputial Gland**: + + + + + + + + 8
- **Prostate**: + + + + + + + + 8
- **Semenal Vesicle**: + + + + + + + + 8
- **Testes**: + + + + + + + + 8

**Hematopoietic System**

- **Bone Marrow**: + + + + + + + + 8
- **Lymph Node, Mandibular**: + + + + + + + + 8
- **Lymph Node, Mesenteric**: + + + + + + + + 8
- **Spleen**: + + + + + + + + 8
- **Thymus**: + + + + + + + + 8

**Integumentary System**

- **Mammary Gland**: + + + + + + + + 8
- **Skin**: + + + + + + + + 8

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* ..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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**F 344/NCTR Rat Male**

**CONTROL**

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### Musculoskeletal System

- **Bone, Femur**: + + + + + + + + 8
- **Skeletal Muscle**: + + + + + + + + 8

### Nervous System

- **Brain, Brain Stem**: + + + + + + + + 8
- **Brain, Cerebellum**: + + + + + + + + 8
- **Brain, Cerebrum**: + + + + + + + + 8
- **Peripheral Nerve**: + + + + + + + + 8
- **Spinal Cord, Cervical**: + + + + + + + + 8
- **Spinal Cord, Lumbar**: + + + + + + + + 8
- **Spinal Cord, Thoracic**: + + + + + + + + 8

### Respiratory System

- **Lung**: + + + + + + + + 8
- **Nose**: + + + + + + + + 8
- **Trachea**: + + + + + + + + 8

### Special Senses System

- **Eye**: + + + + + + + + 8
- **Harderian Gland**: + + + + + + + + 8

### Urinary System

- **Kidney**: + + + + + + + + 8

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**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

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

**F 344/NCTR Rat Male**  
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*TOTALS*

| Urinary Bladder | + | + | + | + | + | + | + | 8 |

**SYSTEMIC LESIONS**

| Multiple Organ | + | + | + | + | + | + | + | 8 |

---

*..Total animals with tissue examined microscopically; Total animals with tumor  
M..Missing tissue  
A..Autolysis precludes evaluation  
X..Lesion present  
I..Insufficient tissue  
B.LANK..Not examined microscopically
## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

### F 344/NCTR Rat Male  
**10 UG/ML**

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<th>ANIMAL ID</th>
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<th><strong>Cardiovascular System</strong></th>
<th><strong>Endocrine System</strong></th>
<th><strong>General Body System</strong></th>
<th><strong>Genital System</strong></th>
<th><strong>Hematopoietic System</strong></th>
<th><strong>Integumentary System</strong></th>
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<th>ANIMAL ID</th>
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<td>SYSTEMIC LESIONS</td>
<td>Multiple Organ</td>
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P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Experiment Number: 20313-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/NCTR

Date Report Requested: 10/23/2014
Time Report Requested: 10:34:33
First Dose M/F: NA / NA
Lab: NCTR

**F 344/NCTR Rat Male**
**25 UG/ML**

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*TOTALS*

**Alimentary System**

- Liver
  - +
  - 1

**Cardiovascular System**

- NONE

**Endocrine System**

- NONE

**General Body System**

- NONE

**Genital System**

- Epididymis
  - +
  - 8
- Preputial Gland
  - +
  - 1
- Testes
  - +
  - 8

**Hematopoietic System**

- NONE

**Integumentary System**

- NONE

**Musculoskeletal System**

- NONE

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Experiment Number: 20313-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/NCTR

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

Date Report Requested: 10/23/2014
Time Report Requested: 10:34:33
First Dose M/F: NA / NA
Lab: NCTR

DAY ON TEST

F 344/NCTR Rat Male
25 UG/ML

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*TOTALS

Nervous System
 NONE

Respiratory System
 NONE

Special Senses System
 NONE

Urinary System
 NONE

SYSTEMIC LESIONS

Multiple Organ 
+ + + + + + + 8

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Experiment Number: 20313-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/NCTR

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

Date Report Requested: 10/23/2014
Time Report Requested: 10:34:33
First Dose M/F: NA / NA
Lab: NCTR

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**TOTALS**

### Alimentary System
NONE

### Cardiovascular System
NONE

### Endocrine System
NONE

### General Body System
NONE

### Genital System
- **Epididymis**: + + + + + + + + 8
- **Testes**: + + + + + + + + 8

### Hematopoietic System
NONE

### Integumentary System
NONE

### Musculoskeletal System
NONE

### Nervous System

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*TOTALS

NONE

Respiratory System
NONE

Special Senses System
NONE

Urinary System

Kidney

+ 1

SYSTEMIC LESIONS

Multiple Organ

+ + + + + + + 8

* ..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: 20313-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/NCTR

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Date Report Requested: 10/23/2014
Time Report Requested: 10:34:34

First Dose M/F: NA / NA
Lab: NCTR

F 344/NCTR Rat Male 100 UG/ML

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**TOTALS**

Alimentary System

Liver                          +       1

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Epididymis                      + + + + + + + + 8
Preputial Gland                 + 1
Testes                         + + + + + + + + 8

Hematopoietic System

Bone Marrow                    + + + + + + + + 8
Spleen                         + + + + + + + + 8

Integumentary System

NONE

Musculoskeletal System


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BLANK ..Not examined microscopically
Experiment Number: 20313-01
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Species/Strain: Rat/F 344/NCTR

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

Date Report Requested: 10/23/2014
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First Dose M/F: NA / NA
Lab: NCTR

F 344/NCTR Rat Male
100 UG/ML

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*TOTALS

Skeletal Muscle: + + + + + + + 8
Nervous System: + + + + + + + 8
Respiratory System: NONE
Special Senses System: NONE
Urinary System: NONE

SYSTEMIC LESIONS
Multiple Organ: + + + + + + + 8

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**Experiment Number:** 20313-01  
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**Test Compound:** Acrylamide  
**CAS Number:** 79-06-1  
**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:34:34  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

### P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

#### F 344/NCTR Rat Male

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*TOTALS*

#### Alimentary System

- **Esophagus**: 8
- **Intestine Large, Cecum**: 8
- **Intestine Large, Colon**: 8
- **Intestine Large, Rectum**: 8
- **Intestine Small, Duodenum**: 8
- **Intestine Small, Ileum**: 8
- **Intestine Small, Jejunum**: 8
- **Liver**: 8
- **Pancreas**: 8
- **Salivary Glands**: 8
- **Stomach, Foregut**: 8
- **Stomach, Glandular**: 8
- **Tongue**: 8

#### Cardiovascular System

- **Blood Vessel**: 8
- **Heart**: 8

#### Endocrine System

- **Adrenal Cortex**: 8
- **Adrenal Medulla**: 8
- **Islets, Pancreatic**: 8

---

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A ..Autolysis precludes evaluation  
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I ..Insufficient tissue  
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**Experiment Number:** 20313-01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** Rat/F 344/NCTR

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:34:34  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

### P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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---

**Parathyroid Gland**
- Total: 8

**Pituitary Gland**
- Total: 8

**Thyroid Gland**
- Total: 8

**General Body System**
- **NONE**

**Genital System**
- **Epididymis**
- Total: 8
- **Preputial Gland**
- Total: 8
- **Prostate**
- Total: 8
- **Seminal Vesicle**
- Total: 8
- **Testes**
- Total: 8

**Hematopoietic System**
- **Bone Marrow**
- Total: 8
- **Lymph Node, Mandibular**
- Total: 8
- **Lymph Node, Mesenteric**
- Total: 8
- **Spleen**
- Total: 8
- **Thymus**
- Total: 8

**Integumentary System**
- **Mammary Gland**
- Total: 8
- **Skin**
- Total: 8

---

**Note:**
- ..Total animals with tissue examined microscopically; Total animals with tumor
- ..Tissue examined microscopically
- ..Lesion present
- ..Insufficient tissue
- ..Missing tissue
- ..Autolysis precludes evaluation
- ..Not examined microscopically

Page 15
### Musculoskeletal System
- **Bone, Femur**: + + + + + + + + 8
- **Skeletal Muscle**: + + + + + + + + 8

### Nervous System
- **Brain, Brain Stem**: + + + + + + + + 8
- **Brain, Cerebellum**: + + + + + + + + 8
- **Brain, Cerebrum**: + + + + + + + + 8
- **Peripheral Nerve**: + + + + + + + + 8
- **Spinal Cord, Cervical**: + + + + + + + + 8
- **Spinal Cord, Lumbar**: + + + + + + + + 8
- **Spinal Cord, Thoracic**: + + + + + + + + 8

### Respiratory System
- **Lung**: + + + + + + + + 8
- **Nose**: + + + + + + + + 8
- **Trachea**: + + + + + + + + 8

### Special Senses System
- **Eye**: + + + + + + + + 8
- **Harderian Gland**: + + + + + + + + 8

### Urinary System
- **Kidney**: + + + + + + + + 8

---

**Note:**
- **0** ..Total animals with tissue examined microscopically; Total animals with tumor
- **1** ..Missing tissue
- **2** ..Tissue examined microscopically
- **3** ..Lesion present
- **4** ..Insufficient tissue
- **5** ..Lesion present

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**F 344/NCTR Rat Male**

**250 UG/ML**

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**Urinary Bladder**

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**SYSTEMIC LESIONS**

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***END OF MALE DATA***

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* ..Total animals with tissue examined microscopically; Total animals with tumor
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X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
Experiment Number: 20313-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/NCTR

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Acrylamide
CAS Number: 79-06-1

Date Report Requested: 10/23/2014
Time Report Requested: 10:34:34
First Dose M/F: NA / NA
Lab: NCTR

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Alimentary System

- Esophagus: + + + + + + + + 8
- Intestine Large, Cecum: + + + + + + + + 8
- Intestine Large, Colon: + + + + + + + + 8
- Intestine Large, Rectum: + + + + + + + + 8
- Intestine Small, Duodenum: + + + + + + + + 8
- Intestine Small, Ileum: + + + + + + + + 8
- Intestine Small, Jejunum: + + + + + + + + 8
- Liver: + + + + + + + + 8
- Pancreas: + + + + + + + + 8
- Salivary Glands: + + + + + + + + 8
- Stomach, Forestomach: + + + + + + + + 8
- Stomach, Glandular: + + + + + + + + 8
- Tongue: + + + + + + + + 8

Cardiovascular System

- Blood Vessel: + + + + + + + + 8
- Heart: + + + + + + + + 8

Endocrine System

- Adrenal Cortex: + + + + + + + + 8
- Adrenal Medulla: + + + + + + + + 8
- Islets, Pancreatic: + + + + + + + + 8

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Page 18
**Experiment Number:** 20313-01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** Rat/F344/NCTR

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

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**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:34:34

**First Dose M/F:** NA/NA  
**Lab:** NCTR

### P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

DAY ON TEST

F 344/NCTR Rat Female
CONTROL

Skeletal Muscle
+ + + + + + + 8

Nervous System

Brain, Brain Stem  + + + + + + + 8
Brain, Cerebellum  + + + + + + + 8
Brain, Cerebrum   + + + + + + + 8
Peripheral Nerve  + + + + + + + 8
Spinal Cord, Cervical + + + + + + + 8
Spinal Cord, Lumbar + + + + + + + 8
Spinal Cord, Thoracic + + + + + + + 8

Respiratory System

Lung  + + + + + + + 8
Nose  + + + + + + + 8
Trachea  + + + + + + + 8

Special Senses System

Eye  + + + + + + + 8
Harderian Gland + + + + + + + 8

Urinary System

Kidney + + + + + + + 8
Urinary Bladder + + + + + + + 8

SYSTEMIC LESIONS

* ..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
P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Experiment Number:** 20313-01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** Rat/F 344/NCTR

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

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**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:34:34  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

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**Multiple Organ**

* ..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

*TOTALS*  

8
### Experiment Number: 20313-01
### Test Type: 90-DAY
### Route: DOSED WATER
### Species/Strain: Rat/F 344/NCTR
### Test Compound: Acrylamide
### CAS Number: 79-06-1

#### P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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*TOTALS

#### Alimentary System
- Liver + 1
- Mesentery + 1

#### Cardiovascular System

#### Endocrine System

#### General Body System

#### Genital System
- Uterus + 1

#### Hematopoietic System

#### Integumentary System

#### Musculoskeletal System

#### Nervous System

---

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**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

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

**Species/Strain:** Rat/F 344/NCTR

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**SYSTEMIC LESIONS**

- **Multiple Organ:** + + + 3

---

* ..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: 20313-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/NCTR

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Acrylamide
CAS Number: 79-06-1

Date Report Requested: 10/23/2014
Time Report Requested: 10:34:34
First Dose M/F: NA / NA
Lab: NCTR

F 344/NCTR Rat Female
25 UG/ML

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*TOTALS

Alimentary System

Liver + + + 3

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Clitoral Gland + 1

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

* ..Total animals with tissue examined microscopically; Total animals with tumor
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+ ..Tissue examined microscopically
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BLANK ..Not examined microscopically
I ..Insufficient tissue

Page 24
Experiment Number: 20313-01  
Test Type: 90-DAY  
Route: DOSED WATER  
Species/Strain: Rat/F 344/NCTR

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

Date Report Requested: 10/23/2014  
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First Dose M/F: NA / NA  
Lab: NCTR

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**F 344/NCTR Rat Female**  
25 UG/ML

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**SYSTEMIC LESIONS**

| Multiple Organ | + | + | + | 3 |

* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
M ..Missing tissue  
A ..Autolysis precludes evaluation  
X ..Lesion present  
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Experiment Number: 20313-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/NCTR

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

Date Report Requested: 10/23/2014
Time Report Requested: 10:34:34
First Dose M/F: NA / NA
Lab: NCTR

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Alimentary System
NONE

Cardiovascular System
NONE

Endocrine System
NONE

General Body System
NONE

Genital System
Uterus + 1

Hematopoietic System
NONE

Integumentary System
NONE

Musculoskeletal System
NONE

Nervous System
NONE

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BLANK ..Not examined microscopically

F 344/NCTR Rat Female
50 UG/ML

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Experiment Number: 20313-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/NCTR

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Acrylamide
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*TOTALS

Respiratory System
NONE

Special Senses System
NONE

Urinary System
NONE

SYSTEMIC LESIONS

Multiple Organ + 1

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X ..Lesion present
BLANK ..Not examined microscopically
I ..Insufficient tissue
### Alimentary System
- NONE

### Cardiovascular System
- NONE

### Endocrine System
- NONE

### General Body System
- NONE

### Genital System
- **Ovary**
  - + + + + + + + + 8
- **Uterus**
  - + + + + + + + + 8

### Hematopoietic System
- **Bone Marrow**
  - + + + + + + + + 8
- **Spleen**
  - + + + + + + + + 8

### Integumentary System
- NONE

### Musculoskeletal System
- **Skeletal Muscle**
  - + + + + + + + + 8

---

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+ ..Tissue examined microscopically
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
I ..Insufficient tissue
M ..Missing tissue
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| **F 344/NCTR Rat Female** | 100 UG/ML |

**Nervous System**
- Peripheral Nerve: + + + + + + + 8
- Spinal Cord, Cervical: + + + 4
- Spinal Cord, Lumbar: + + + 4
- Spinal Cord, Thoracic: + + + 4

**Respiratory System**
- NONE

**Special Senses System**
- NONE

**Urinary System**
- NONE

**SYSTEMIC LESIONS**
- Multiple Organ: + + + + + + + 8

---

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### Alimentary System

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### Cardiovascular System

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### Endocrine System

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<td>Adrenal Medulla</td>
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<td>Islets, Pancreatic</td>
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* ..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
P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

<table>
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<th>Test Compound:</th>
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<td>CAS Number:</td>
<td>79-06-1</td>
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**Experiment Number:** 20313-01
**Test Type:** 90-DAY
**Route:** DOSED WATER
**Species/Strain:** Rat/F 344/NCTR

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

**Date Report Requested:** 10/23/2014
**Time Report Requested:** 10:34:34
**First Dose M/F:** NA / NA
**Lab:** NCTR

### Parathyroid Gland

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**TOTALS:** 8

### Pituitary Gland

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**TOTALS:** 8

### Thyroid Gland

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**TOTALS:** 8

### General Body System

**NONE**

### Genital System

**Clitoral Gland**

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**TOTALS:** 8

- **Parathyroid Gland**
  - 8 animals
- **Pituitary Gland**
  - 8 animals
- **Thyroid Gland**
  - 8 animals

### Hematopoietic System

**Bone Marrow**

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**TOTALS:** 8

- **Bone, Femur**
  - 8 animals

### Integumentary System

**Mammary Gland**

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**TOTALS:** 8

- **Bone, Femur**
  - 8 animals

### Musculoskeletal System

**Bone, Femur**

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**TOTALS:** 8

- **Bone, Femur**
  - 8 animals

---

*..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

Page 31
**Experiment Number:** 20313-01  
**Test Type:** 90-DAY  
**Route:** DOSED WATER  
**Species/Strain:** Rat/F 344/NCTR

**P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 10:34:35  
**Lab:** NCTR

### F 344/NCTR Rat Female  
**250 UG/ML**

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|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skeletal Muscle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Nervous System | | | | | | | | | | | | | | | | |
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Peripheral Nerve | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord, Cervical | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord, Lumbar | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spinal Cord, Thoracic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Respiratory System | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Special Senses System | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Urinary System | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

**SYSTEMIC LESIONS**

*..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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**F 344/NCTR Rat Female**

250 UG/ML

**ANIMAL ID**

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**MULTIPLE ORGAN**

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**TOTALS**

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**END OF REPORT**

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+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically