

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

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
Acrylamide  
**CAS Number:** 79-06-1

**Date Report Requested:** 09/21/2016  
**Time Report Requested:** 15:04:22  
**First Dose M/F:** 07/12/04 / 07/12/04  
**Lab:** NCTR

**NTP Study Number:** C20313  
**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

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| FISCHER 344 RATS-NCTR RATS<br>MALE<br>CONTROL | DAY ON TEST |   |   |   |   |   |   |   | ANIMAL ID |
|---|-------------|---|---|---|---|---|---|---|-----------|
|   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 |           |
|   | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 |           |
|   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 |           |
|   | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 |           |
|   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 |           |
|   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 |           |
|   | 4           | 4 | 4 | 4 | 4 | 4 | 4 | 4 |           |
|   | 1           | 1 | 2 | 2 | 3 | 3 | 4 | 4 |           |
|   | 1           | 2 | 1 | 2 | 1 | 2 | 1 | 2 |           |
| <b>* TOTALS</b>                               |             |   |   |   |   |   |   |   |           |

### ALIMENTARY SYSTEM

|                           |   |   |   |   |   |   |   |   |          |
|---------------------------|---|---|---|---|---|---|---|---|----------|
| Esophagus                 | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Large, Cecum    | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Large, Colon    | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Large, Rectum   | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Small, Ileum    | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Small, Jejunum  | + | + | + | + | + | + | + | + | <b>8</b> |
| Liver                     | + | + | + | + | + | + | + | + | <b>8</b> |
| Pancreas                  | + | + | + | + | + | + | + | + | <b>8</b> |
| Salivary Glands           | + | + | + | + | + | + | + | + | <b>8</b> |
| Stomach, Forestomach      | + | + | + | + | + | + | + | + | <b>8</b> |
| Stomach, Glandular        | + | + | + | + | + | + | + | + | <b>8</b> |
| Tongue                    | + | + | + | + | + | + | + | + | <b>8</b> |

### CARDIOVASCULAR 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

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 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS<br>MALE<br>CONTROL | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  | ANIMAL ID        |          |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------|
|   | 0<br>1           | 0<br>1           | 0<br>1           | 0<br>1           | 0<br>1           | 0<br>1           | 0<br>1           | 0<br>1           |                  |          |
|   | 0<br>1           | 0<br>1           | 0<br>1           | 0<br>1           | 0<br>1           | 0<br>1           | 0<br>1           | 0<br>1           | 0<br>1           |          |
|   | 0<br>4<br>1<br>1 | 0<br>4<br>1<br>2 | 0<br>4<br>2<br>1 | 0<br>4<br>2<br>2 | 0<br>4<br>3<br>1 | 0<br>4<br>3<br>2 | 0<br>4<br>4<br>1 | 0<br>4<br>4<br>4 | 0<br>4<br>4<br>2 |          |
|   | <b>* TOTALS</b>  |                  |                  |                  |                  |                  |                  |                  |                  |          |
| Blood Vessel                                  | +                | +                | +                | +                | +                | +                | +                | +                | +                | <b>8</b> |
| Heart   | +                | +                | +                | +                | +                | +                | +                | +                | +                | <b>8</b> |
| <b>ENDOCRINE SYSTEM</b>                       |                  |                  |                  |                  |                  |                  |                  |                  |                  |          |
| Adrenal Cortex                                | +                | +                | +                | +                | +                | +                | +                | +                | +                | <b>8</b> |
| Adrenal Medulla                               | +                | +                | +                | +                | +                | +                | +                | +                | +                | <b>8</b> |
| Islets, Pancreatic                            | +                | +                | +                | +                | +                | +                | +                | +                | +                | <b>8</b> |
| Parathyroid Gland                             | +                | +                | +                | +                | +                | +                | +                | +                | +                | <b>8</b> |
| Pituitary Gland                               | +                | +                | +                | +                | +                | +                | +                | +                | +                | <b>8</b> |
| Thyroid Gland                                 | +                | +                | +                | +                | +                | +                | +                | +                | +                | <b>8</b> |
| <b>GENERAL BODY SYSTEM</b>                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |          |
| NONE  |                  |                  |                  |                  |                  |                  |                  |                  |                  |          |
| <b>GENITAL SYSTEM</b>                         |                  |                  |                  |                  |                  |                  |                  |                  |                  |          |
| Epididymis                                    | +                | +                | +                | +                | +                | +                | +                | +                | +                | <b>8</b> |
| Preputial Gland                               | +                | +                | +                | +                | +                | +                | +                | +                | +                | <b>8</b> |
| Prostate                                      | +                | +                | +                | +                | +                | +                | +                | +                | +                | <b>8</b> |

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 X .. Lesion present  
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| FISCHER 344 RATS-NCTR RATS<br>MALE<br>CONTROL | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  | ANIMAL ID        |  |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--|
|   | 0<br>1           | 0<br>1           | 0<br>1           | 0<br>1           | 0<br>1           | 0<br>1           | 0<br>1           | 0<br>1           |                  |  |
|   | 0<br>0<br>1<br>1 | 0<br>0<br>1<br>2 | 0<br>0<br>1<br>1 | 0<br>0<br>1<br>2 | 0<br>0<br>1<br>2 | 0<br>0<br>3<br>1 | 0<br>0<br>3<br>2 | 0<br>0<br>4<br>1 | 0<br>0<br>4<br>4 |  |
|   | <b>* TOTALS</b>  |                  |                  |                  |                  |                  |                  |                  |                  |  |
| Seminal Vesicle                               | + + + + + + + +  |                  |                  |                  |                  |                  |                  |                  | <b>8</b>         |  |
| Testes  | + + + + + + + +  |                  |                  |                  |                  |                  |                  |                  | <b>8</b>         |  |
| <b>HEMATOPOIETIC SYSTEM</b>                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |
| Bone Marrow                                   | + + + + + + + +  |                  |                  |                  |                  |                  |                  |                  | <b>8</b>         |  |
| Lymph Node, Mandibular                        | + + + + + + + +  |                  |                  |                  |                  |                  |                  |                  | <b>8</b>         |  |
| Lymph Node, Mesenteric                        | + + + + + + + +  |                  |                  |                  |                  |                  |                  |                  | <b>8</b>         |  |
| Spleen  | + + + + + + + +  |                  |                  |                  |                  |                  |                  |                  | <b>8</b>         |  |
| Thymus  | + + + + + + + +  |                  |                  |                  |                  |                  |                  |                  | <b>8</b>         |  |
| <b>INTEGUMENTARY SYSTEM</b>                   |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |
| Mammary Gland                                 | + + + + + + + +  |                  |                  |                  |                  |                  |                  |                  | <b>8</b>         |  |
| Skin  | + + + + + + + +  |                  |                  |                  |                  |                  |                  |                  | <b>8</b>         |  |
| <b>MUSCULOSKELETAL SYSTEM</b>                 |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |
| Bone, Femur                                   | + + + + + + + +  |                  |                  |                  |                  |                  |                  |                  | <b>8</b>         |  |
| Skeletal Muscle                               | + + + + + + + +  |                  |                  |                  |                  |                  |                  |                  | <b>8</b>         |  |
| <b>NERVOUS SYSTEM</b>                         |                  |                  |                  |                  |                  |                  |                  |                  |                  |  |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
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| FISCHER 344 RATS-NCTR RATS<br>MALE<br>CONTROL | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID |  |                 |
|---|-------------|---|---|---|---|---|---|---|---|-----------|--|-----------------|
|   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |           |  |                 |
|   | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |           |  |                 |
|   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |           |  |                 |
|   | 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 |           |  |                 |
|   | 4           | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |           |  |                 |
|   | 1           | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 4 |           |  |                 |
|   | 1           | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 |           |  |                 |
|   |             |   |   |   |   |   |   |   |   |           |  | <b>* TOTALS</b> |
| Brain, Brain Stem                             | +           | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| Brain, Cerebellum                             | +           | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| Brain, Cerebrum                               | +           | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| Peripheral Nerve                              | +           | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| Spinal Cord, Cervical                         | +           | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| Spinal Cord, Lumbar                           | +           | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| Spinal Cord, Thoracic                         | +           | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| <b>RESPIRATORY SYSTEM</b>                     |             |   |   |   |   |   |   |   |   |           |  |                 |
| Lung  | +           | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| Nose  | +           | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| Trachea                                       | +           | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| <b>SPECIAL SENSES SYSTEM</b>                  |             |   |   |   |   |   |   |   |   |           |  |                 |
| Eye   | +           | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| Harderian Gland                               | +           | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| <b>URINARY SYSTEM</b>                         |             |   |   |   |   |   |   |   |   |           |  |                 |

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| FISCHER 344 RATS-NCTR RATS<br>MALE<br>CONTROL | DAY ON TEST | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 |          |
|---|-------------|-----------------|---|---|---|---|---|---|---|----------|
|   | ANIMAL ID   | 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 | 1 | 1 |          |
|   |             | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 |          |
|   |             | 4               | 4 | 4 | 4 | 4 | 4 | 4 | 4 |          |
|   |             | 1               | 1 | 2 | 2 | 3 | 3 | 4 | 4 |          |
|   |             | 1               | 2 | 1 | 2 | 1 | 2 | 1 | 2 |          |
|   |             | <b>* TOTALS</b> |   |   |   |   |   |   |   |          |
| Kidney  |             | +               | + | + | + | + | + | + | + | <b>8</b> |
| Urinary Bladder                               |             | +               | + | + | + | + | + | + | + | <b>8</b> |
| <b>SYSTEMIC LESIONS</b>                       |             |                 |   |   |   |   |   |   |   |          |
| Multiple Organ                                |             | +               | + | + | + | + | + | + | + | <b>8</b> |

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
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DAY ON TEST

**FISCHER 344 RATS-NCTR RATS  
MALE  
10 UG/ML**

ANIMAL ID

**\* TOTALS**

**ALIMENTARY SYSTEM**

NONE

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
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M .. Missing tissue  
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DAY ON TEST

**FISCHER 344 RATS-NCTR RATS**  
**MALE**  
**10 UG/ML**

ANIMAL ID

**\* TOTALS**

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

**SYSTEMIC LESIONS**

Multiple Organ

**0**

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|  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|--|---|---|---|---|---|---|---|---|
| DAY ON TEST                            |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| <b>FISCHER 344 RATS-NCTR RATS MALE</b> |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>25 UG/ML</b>                        |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ANIMAL ID                              |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |  | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
|  |  | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 |
|  |  | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |
| <b>* TOTALS</b>                        |  |   |   |   |   |   |   |   |   |

**ALIMENTARY SYSTEM**

Liver + 1

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

|                 |                 |          |
|-----------------|-----------------|----------|
| Epididymis      | + + + + + + + + | <b>8</b> |
| Preputial Gland | +               | <b>1</b> |
| Testes          | + + + + + + + + | <b>8</b> |

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

\* .. 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 |  |
|                                   |             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
| <b>FISCHER 344 RATS-NCTR RATS</b> |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| <b>MALE</b>                       |             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
| <b>25 UG/ML</b>                   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|                                   | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|                                   |             | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |  |
|                                   |             | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 |  |
|                                   |             | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |  |
| <b>* TOTALS</b>                   |             |   |   |   |   |   |   |   |   |  |

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

**SYSTEMIC LESIONS**

Multiple Organ                   +   +   +   +   +   +   +   +

**8**

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
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|  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|--|---|---|---|---|---|---|---|---|
| DAY ON TEST                            |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| <b>FISCHER 344 RATS-NCTR RATS MALE</b> |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <b>50 UG/ML</b>                        |  | 1 | 1 | 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 |
|  |  | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
|  |  | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |
| <b>* TOTALS</b>                        |  |   |   |   |   |   |   |   |   |

**ALIMENTARY SYSTEM**

NONE

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

|            |   |   |   |   |   |   |   |   |          |
|------------|---|---|---|---|---|---|---|---|----------|
| Epididymis | + | + | + | + | + | + | + | + | <b>8</b> |
| Testes     | + | + | + | + | + | + | + | + | <b>8</b> |

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

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 + .. Tissue examined microscopically  
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 BLANK .. Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

|  |             |   |   |   |   |   |   |   |   |  |
|--|-------------|---|---|---|---|---|---|---|---|--|
| FISCHER 344 RATS-NCTR RATS<br>MALE<br>50 UG/ML | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  |             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  |             | 1 | 1 | 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 |   |  |
|  |             | 1 | 1 | 2 | 2 | 3 | 3 | 4 |   |  |
|  |             | 1 | 2 | 1 | 2 | 1 | 2 | 1 |   |  |
| <b>* TOTALS</b>                                |             |   |   |   |   |   |   |   |   |  |

NONE

**NERVOUS SYSTEM**

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: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

| DAY ON TEST                            |           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|-----------|---|---|---|---|---|---|---|---|
| <b>FISCHER 344 RATS-NCTR RATS MALE</b> | 1         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|  | 0         | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 1         | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|  | <hr/>     |   |   |   |   |   |   |   |   |
| <b>100 UG/ML</b>                       | ANIMAL ID | 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 |
|  | 5         | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 8 |
|  | 1         | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 |
| <b>* TOTALS</b>                        |           |   |   |   |   |   |   |   |   |

**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**

\* .. 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: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

|   |             |   |   |   |   |   |   |   |   |  |
|---|-------------|---|---|---|---|---|---|---|---|--|
| FISCHER 344 RATS-NCTR RATS<br>MALE<br>100 UG/ML | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|   |             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
|   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|   |             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
|   | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |  |
|   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |  |
|   |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 |   |  |
|   |             | 5 | 5 | 6 | 6 | 7 | 7 | 8 |   |  |
|   |             | 1 | 2 | 1 | 2 | 1 | 2 | 1 |   |  |
| <b>* TOTALS</b>                                 |             |   |   |   |   |   |   |   |   |  |

NONE

**MUSCULOSKELETAL SYSTEM**

Skeletal Muscle + + + + + + + + 8

**NERVOUS SYSTEM**

Peripheral Nerve + + + + + + + + 8

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

**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: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

| DAY ON TEST                                |       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|--|-------|---|---|---|---|---|---|---|-----------------|
| <b>FISCHER 344 RATS-NCTR RATS<br/>MALE</b> | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1               |
|  | 0     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|  | 1     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1               |
|  | <hr/> |   |   |   |   |   |   |   |                 |
| <b>250 UG/ML</b>                           | 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 | 4 | 4 | 5 | 5 | 6 | 6 | 6               |
|  | 1     | 2 | 1 | 2 | 1 | 2 | 1 | 2 |                 |
|  |       |   |   |   |   |   |   |   | <b>* TOTALS</b> |

**ALIMENTARY SYSTEM**

|                           |   |   |   |   |   |   |   |   |          |
|---------------------------|---|---|---|---|---|---|---|---|----------|
| Esophagus                 | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Large, Cecum    | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Large, Colon    | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Large, Rectum   | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Small, Ileum    | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Small, Jejunum  | + | + | + | + | + | + | + | + | <b>8</b> |
| Liver                     | + | + | + | + | + | + | + | + | <b>8</b> |
| Pancreas                  | + | + | + | + | + | + | + | + | <b>8</b> |
| Salivary Glands           | + | + | + | + | + | + | + | + | <b>8</b> |
| Stomach, Forestomach      | + | + | + | + | + | + | + | + | <b>8</b> |
| Stomach, Glandular        | + | + | + | + | + | + | + | + | <b>8</b> |
| Tongue                    | + | + | + | + | + | + | + | + | <b>8</b> |

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS<br>MALE<br>250 UG/ML | DAY ON TEST |        |        |        |        |        |        |        | ANIMAL ID |                 |
|---|-------------|--------|--------|--------|--------|--------|--------|--------|-----------|-----------------|
|   | 0<br>1      | 0<br>1 | 0<br>1 | 0<br>1 | 0<br>1 | 0<br>1 | 0<br>1 | 0<br>1 |           |                 |
|   | 0           | 0      | 0      | 0      | 0      | 0      | 0      | 0      |           |                 |
|   | 1           | 1      | 1      | 1      | 1      | 1      | 1      | 1      |           |                 |
|   | 0           | 0      | 0      | 0      | 0      | 0      | 0      | 0      |           |                 |
|   | 1           | 1      | 1      | 1      | 1      | 1      | 1      | 1      |           |                 |
|   | 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      | 4      | 4      | 5      | 5      | 6      | 6      |           |                 |
|   | 1           | 2      | 1      | 2      | 1      | 2      | 1      | 2      |           |                 |
|   |             |        |        |        |        |        |        |        |           | <b>* TOTALS</b> |
| Blood Vessel                                    | +           | +      | +      | +      | +      | +      | +      | +      |           | <b>8</b>        |
| Heart   | +           | +      | +      | +      | +      | +      | +      | +      |           | <b>8</b>        |
| <b>ENDOCRINE SYSTEM</b>                         |             |        |        |        |        |        |        |        |           |                 |
| Adrenal Cortex                                  | +           | +      | +      | +      | +      | +      | +      | +      |           | <b>8</b>        |
| Adrenal Medulla                                 | +           | +      | +      | +      | +      | +      | +      | +      |           | <b>8</b>        |
| Islets, Pancreatic                              | +           | +      | +      | +      | +      | +      | +      | +      |           | <b>8</b>        |
| Parathyroid Gland                               | +           | +      | +      | +      | +      | +      | +      | +      |           | <b>8</b>        |
| Pituitary Gland                                 | +           | +      | +      | +      | +      | +      | +      | +      |           | <b>8</b>        |
| Thyroid Gland                                   | +           | +      | +      | +      | +      | +      | +      | +      |           | <b>8</b>        |
| <b>GENERAL BODY SYSTEM</b>                      |             |        |        |        |        |        |        |        |           |                 |
| NONE  |             |        |        |        |        |        |        |        |           |                 |
| <b>GENITAL SYSTEM</b>                           |             |        |        |        |        |        |        |        |           |                 |
| Epididymis                                      | +           | +      | +      | +      | +      | +      | +      | +      |           | <b>8</b>        |
| Preputial Gland                                 | +           | +      | +      | +      | +      | +      | +      | +      |           | <b>8</b>        |
| Prostate  | +           | +      | +      | +      | +      | +      | +      | +      |           | <b>8</b>        |

\* .. 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: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS<br>MALE<br>250 UG/ML | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|---|-------------|---|---|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|---|----------|
|   | 1           | 1 | 1 | 1 | 1 | 1 | 1 | 1 |   |           |   |   |   |   |   |   |   |   |          |
| Seminal Vesicle                                 | +           | + | + | + | + | + | + | + | + |           |   |   |   |   |   |   |   |   | 8        |
| Testes  | +           | + | + | + | + | + | + | + | + |           |   |   |   |   |   |   |   |   | 8        |
| <b>HEMATOPOIETIC SYSTEM</b>                     |             |   |   |   |   |   |   |   |   |           |   |   |   |   |   |   |   |   |          |
| Bone Marrow                                     | +           | + | + | + | + | + | + | + | + |           |   |   |   |   |   |   |   |   | 8        |
| Lymph Node, Mandibular                          | +           | + | + | + | + | + | + | + | + |           |   |   |   |   |   |   |   |   | 8        |
| Lymph Node, Mesenteric                          | +           | + | + | + | + | + | + | + | + |           |   |   |   |   |   |   |   |   | 8        |
| Spleen  | +           | + | + | + | + | + | + | + | + |           |   |   |   |   |   |   |   |   | 8        |
| Thymus  | +           | + | + | + | + | + | + | + | + |           |   |   |   |   |   |   |   |   | 8        |
| <b>INTEGUMENTARY SYSTEM</b>                     |             |   |   |   |   |   |   |   |   |           |   |   |   |   |   |   |   |   |          |
| Mammary Gland                                   | +           | + | + | + | + | + | + | + | + |           |   |   |   |   |   |   |   |   | 8        |
| Skin  | +           | + | + | + | + | + | + | + | + |           |   |   |   |   |   |   |   |   | 8        |
| <b>MUSCULOSKELETAL SYSTEM</b>                   |             |   |   |   |   |   |   |   |   |           |   |   |   |   |   |   |   |   |          |
| Bone, Femur                                     | +           | + | + | + | + | + | + | + | + |           |   |   |   |   |   |   |   |   | 8        |
| Skeletal Muscle                                 | +           | + | + | + | + | + | + | + | + |           |   |   |   |   |   |   |   |   | 8        |
| <b>NERVOUS SYSTEM</b>                           |             |   |   |   |   |   |   |   |   |           |   |   |   |   |   |   |   |   |          |

\* .. 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: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS<br>MALE<br>250 UG/ML | DAY ON TEST           |                       |                       |                       |                       |                       |                       |                       | ANIMAL ID             |                 |          |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------|----------|
|   | 0<br>1                | 0<br>1                | 0<br>1                | 0<br>1                | 0<br>1                | 0<br>1                | 0<br>1                | 0<br>1                |                       |                 |          |
|   | 0<br>0<br>1           | 0<br>0<br>1           | 0<br>0<br>1           | 0<br>0<br>1           | 0<br>0<br>1           | 0<br>0<br>1           | 0<br>0<br>1           | 0<br>0<br>1           | 0<br>0<br>1           |                 |          |
|   | 0<br>0<br>3<br>3<br>1 | 0<br>0<br>3<br>3<br>2 | 0<br>0<br>3<br>4<br>1 | 0<br>0<br>3<br>4<br>2 | 0<br>0<br>3<br>5<br>1 | 0<br>0<br>3<br>5<br>2 | 0<br>0<br>3<br>5<br>1 | 0<br>0<br>3<br>6<br>2 | 0<br>0<br>3<br>6<br>1 |                 |          |
|   |                       |                       |                       |                       |                       |                       |                       |                       |                       | <b>* TOTALS</b> |          |
| Brain, Brain Stem                               | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     |                 | <b>8</b> |
| Brain, Cerebellum                               | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     |                 | <b>8</b> |
| Brain, Cerebrum                                 | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     |                 | <b>8</b> |
| Peripheral Nerve                                | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     |                 | <b>8</b> |
| Spinal Cord, Cervical                           | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     |                 | <b>8</b> |
| Spinal Cord, Lumbar                             | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     |                 | <b>8</b> |
| Spinal Cord, Thoracic                           | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     |                 | <b>8</b> |
| <b>RESPIRATORY SYSTEM</b>                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                 |          |
| Lung  | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     |                 | <b>8</b> |
| Nose  | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     |                 | <b>8</b> |
| Trachea   | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     |                 | <b>8</b> |
| <b>SPECIAL SENSES SYSTEM</b>                    |                       |                       |                       |                       |                       |                       |                       |                       |                       |                 |          |
| Eye   | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     |                 | <b>8</b> |
| Harderian Gland                                 | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     | +                     |                 | <b>8</b> |
| <b>URINARY SYSTEM</b>                           |                       |                       |                       |                       |                       |                       |                       |                       |                       |                 |          |

\* .. 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: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

| DAY ON TEST                            | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                 |
|--|---|---|---|---|---|---|---|---|-----------------|
|  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |                 |
| <b>FISCHER 344 RATS-NCTR RATS MALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                 |
| <b>250 UG/ML</b>                       | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |                 |
| ANIMAL ID                              | 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 | 4 | 4 | 5 | 5 | 6 | 6 |                 |
|  | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |                 |
|  |   |   |   |   |   |   |   |   | <b>* TOTALS</b> |
| Kidney                                 | + | + | + | + | + | + | + | + | <b>8</b>        |
| Urinary Bladder                        | + | + | + | + | + | + | + | + | <b>8</b>        |
| <b>SYSTEMIC LESIONS</b>                |   |   |   |   |   |   |   |   |                 |
| Multiple Organ                         | + | + | + | + | + | + | + | + | <b>8</b>        |

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|--|-------------|---|---|---|---|---|---|---|-----------------|
| <b>FISCHER 344 RATS-NCTR RATS FEMALE CONTROL</b> | DAY ON TEST | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1               |
|  | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|  |             | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4               |
|  |             | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8               |
|  |             | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2               |
|  |             |   |   |   |   |   |   |   | <b>* TOTALS</b> |

**ALIMENTARY SYSTEM**

|                           |   |   |   |   |   |   |   |   |          |
|---------------------------|---|---|---|---|---|---|---|---|----------|
| Esophagus                 | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Large, Cecum    | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Large, Colon    | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Large, Rectum   | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Small, Ileum    | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Small, Jejunum  | + | + | + | + | + | + | + | + | <b>8</b> |
| Liver                     | + | + | + | + | + | + | + | + | <b>8</b> |
| Pancreas                  | + | + | + | + | + | + | + | + | <b>8</b> |
| Salivary Glands           | + | + | + | + | + | + | + | + | <b>8</b> |
| Stomach, Forestomach      | + | + | + | + | + | + | + | + | <b>8</b> |
| Stomach, Glandular        | + | + | + | + | + | + | + | + | <b>8</b> |
| Tongue                    | + | + | + | + | + | + | + | + | <b>8</b> |

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|--|-------------|---|---|---|---|---|---|---|-----------------|
| <b>FISCHER 344 RATS-NCTR RATS FEMALE CONTROL</b> | DAY ON TEST | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1               |
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|  |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2               |
|  | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|  |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|  |             | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4               |
|  |             | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8               |
|  |             | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2               |
|  |             |   |   |   |   |   |   |   | <b>* TOTALS</b> |

**HEMATOPOIETIC SYSTEM**

|                        |   |   |   |   |   |   |   |   |          |
|------------------------|---|---|---|---|---|---|---|---|----------|
| Bone Marrow            | + | + | + | + | + | + | + | + | <b>8</b> |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | <b>8</b> |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | <b>8</b> |
| Spleen                 | + | + | + | + | + | + | + | + | <b>8</b> |
| Thymus                 | + | + | + | + | + | + | + | + | <b>8</b> |

**INTEGUMENTARY SYSTEM**

|               |   |   |   |   |   |   |   |   |          |
|---------------|---|---|---|---|---|---|---|---|----------|
| Mammary Gland | + | + | + | + | + | + | + | + | <b>8</b> |
| Skin          | + | + | + | + | + | + | + | + | <b>8</b> |

**MUSCULOSKELETAL SYSTEM**

|                 |   |   |   |   |   |   |   |   |          |
|-----------------|---|---|---|---|---|---|---|---|----------|
| Bone, Femur     | + | + | + | + | + | + | + | + | <b>8</b> |
| Skeletal Muscle | + | + | + | + | + | + | + | + | <b>8</b> |

**NERVOUS SYSTEM**

|                   |   |   |   |   |   |   |   |   |          |
|-------------------|---|---|---|---|---|---|---|---|----------|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | <b>8</b> |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | <b>8</b> |

\* .. 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: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS<br>FEMALE<br>CONTROL | DAY ON TEST     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID |  |          |
|---|-----------------|---|---|---|---|---|---|---|---|-----------|--|----------|
|   | 1               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |           |  |          |
|   | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |           |  |          |
|   | 2               | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |           |  |          |
|   | 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 |           |  |          |
|   | 5               | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 8 |           |  |          |
|   | 1               | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 |           |  |          |
|   | <b>* TOTALS</b> |   |   |   |   |   |   |   |   |           |  |          |
| Brain, Cerebrum                                 | +               | + | + | + | + | + | + | + | + |           |  | <b>8</b> |
| Peripheral Nerve                                | +               | + | + | + | + | + | + | + | + |           |  | <b>8</b> |
| Spinal Cord, Cervical                           | +               | + | + | + | + | + | + | + | + |           |  | <b>8</b> |
| Spinal Cord, Lumbar                             | +               | + | + | + | + | + | + | + | + |           |  | <b>8</b> |
| Spinal Cord, Thoracic                           | +               | + | + | + | + | + | + | + | + |           |  | <b>8</b> |
| <b>RESPIRATORY SYSTEM</b>                       |                 |   |   |   |   |   |   |   |   |           |  |          |
| Lung  | +               | + | + | + | + | + | + | + | + |           |  | <b>8</b> |
| Nose  | +               | + | + | + | + | + | + | + | + |           |  | <b>8</b> |
| Trachea   | +               | + | + | + | + | + | + | + | + |           |  | <b>8</b> |
| <b>SPECIAL SENSES SYSTEM</b>                    |                 |   |   |   |   |   |   |   |   |           |  |          |
| Eye   | +               | + | + | + | + | + | + | + | + |           |  | <b>8</b> |
| Harderian Gland                                 | +               | + | + | + | + | + | + | + | + |           |  | <b>8</b> |
| <b>URINARY SYSTEM</b>                           |                 |   |   |   |   |   |   |   |   |           |  |          |
| Kidney  | +               | + | + | + | + | + | + | + | + |           |  | <b>8</b> |
| Urinary Bladder                                 | +               | + | + | + | + | + | + | + | + |           |  | <b>8</b> |

\* .. 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: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

|   |             |   |   |   |   |   |   |   |   |  |
|---|-------------|---|---|---|---|---|---|---|---|--|
| FISCHER 344 RATS-NCTR RATS<br>FEMALE<br>CONTROL | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|   | ANIMAL ID   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
|   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|   |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |
|   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|   |             | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |  |
|   |             | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 |  |
|   |             | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |  |
| <b>* TOTALS</b>                                 |             |   |   |   |   |   |   |   |   |  |

**SYSTEMIC LESIONS**

|                |   |   |   |   |   |   |   |   |   |          |
|----------------|---|---|---|---|---|---|---|---|---|----------|
| Multiple Organ | + | + | + | + | + | + | + | + | + | <b>8</b> |
|----------------|---|---|---|---|---|---|---|---|---|----------|

\* .. 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: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS<br>FEMALE<br>10 UG/ML | DAY ON TEST      |                  |                  |                  |                  |                  |                  |                  | ANIMAL ID             |  |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|--|
|  | 0<br>1<br>0<br>2 | 0<br>1<br>0<br>2 | 0<br>1<br>0<br>2 | 0<br>1<br>0<br>2 | 0<br>1<br>0<br>2 | 0<br>1<br>0<br>2 | 0<br>1<br>0<br>2 | 0<br>1<br>0<br>2 |                       |  |
|  | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0<br>0<br>1<br>3<br>1 |  |
|  | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0                | 0<br>1<br>1<br>2      |  |
|  | <b>* TOTALS</b>  |                  |                  |                  |                  |                  |                  |                  |                       |  |

**ALIMENTARY SYSTEM**

|           |   |   |
|-----------|---|---|
| Liver     | + | 1 |
| Mesentery | + | 1 |

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

|        |   |   |
|--------|---|---|
| Uterus | + | 1 |
|--------|---|---|

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

|  |             |   |   |   |   |   |   |   |   |  |
|--|-------------|---|---|---|---|---|---|---|---|--|
| FISCHER 344 RATS-NCTR RATS<br>FEMALE<br>10 UG/ML | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|  | ANIMAL ID   | 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 | 1 | 1 |  |
|  |             | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 |  |
|  |             | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |  |
| <b>* TOTALS</b>                                  |             |   |   |   |   |   |   |   |   |  |

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

**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: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

|                                   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|-----------------------------------|-------------|---|---|---|---|---|---|---|---|--|
|                                   | DAY ON TEST | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
| <b>FISCHER 344 RATS-NCTR RATS</b> |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| <b>FEMALE</b>                     |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |
| <b>25 UG/ML</b>                   |             |   |   |   |   |   |   |   |   |  |
|                                   | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|                                   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|                                   |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |
|                                   |             | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |  |
|                                   |             | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |  |
| <b>* TOTALS</b>                   |             |   |   |   |   |   |   |   |   |  |

**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

\* .. 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: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

|                                      |   |   |   |   |   |   |   |   |  |
|--------------------------------------|---|---|---|---|---|---|---|---|--|
| DAY ON TEST                          | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|                                      | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
| FISCHER 344 RATS-NCTR RATS<br>FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|                                      | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |
| 25 UG/ML                             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|                                      | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| ANIMAL ID                            | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |
|                                      | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |  |
|                                      | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |  |
| <b>* TOTALS</b>                      |   |   |   |   |   |   |   |   |  |

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

**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: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

|  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|--|--|---|---|---|---|---|---|---|-----------------|
| DAY ON TEST                              |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1               |
| <b>FISCHER 344 RATS-NCTR RATS FEMALE</b> |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
| <b>50 UG/ML</b>                          |  | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2               |
| 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               |
|  |  | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8               |
|  |  | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2               |
|  |  |   |   |   |   |   |   |   | <b>* TOTALS</b> |

**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

\* .. 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: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

| DAY ON TEST                                      | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                 |
|--|---|---|---|---|---|---|---|---|-----------------|
|  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |                 |
| FISCHER 344 RATS-NCTR RATS<br>FEMALE<br>50 UG/ML | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                 |
|  | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |                 |
| 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 |                 |
|  | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 |                 |
|  | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |                 |
|  |   |   |   |   |   |   |   |   | <b>* TOTALS</b> |

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

**SYSTEMIC LESIONS**

Multiple Organ

+

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

| DAY ON TEST                              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                 |
|--|---|---|---|---|---|---|---|---|-----------------|
|  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |                 |
| <b>FISCHER 344 RATS-NCTR RATS FEMALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                 |
| <b>100 UG/ML</b>                         | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |                 |
| ANIMAL ID                                | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                 |
|  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |                 |
|  | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 |                 |
|  | 9 | 9 | 0 | 0 | 1 | 1 | 2 | 2 |                 |
|  | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | <b>* TOTALS</b> |

**ALIMENTARY SYSTEM**

NONE

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

|        |   |   |   |   |   |   |   |   |          |
|--------|---|---|---|---|---|---|---|---|----------|
| Ovary  | + | + | + | + | + | + | + | + | <b>8</b> |
| Uterus | + | + | + | + | + | + | + | + | <b>8</b> |

**HEMATOPOIETIC SYSTEM**

|             |   |   |   |   |   |   |   |   |          |
|-------------|---|---|---|---|---|---|---|---|----------|
| Bone Marrow | + | + | + | + | + | + | + | + | <b>8</b> |
| Spleen      | + | + | + | + | + | + | + | + | <b>8</b> |

**INTEGUMENTARY SYSTEM**

NONE

\* .. 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: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

| DAY ON TEST                              | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|--|---|---|---|---|---|---|---|-----------------|
|  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1               |
| <b>FISCHER 344 RATS-NCTR RATS FEMALE</b> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
| <b>100 UG/ML</b>                         | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2               |
| ANIMAL ID                                | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|  | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3               |
|  | 9 | 9 | 0 | 0 | 1 | 1 | 2 | 2               |
|  | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2               |
|  |   |   |   |   |   |   |   | <b>* TOTALS</b> |

**MUSCULOSKELETAL SYSTEM**

Skeletal Muscle + + + + + + + + **8**

**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**

\* .. 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: RATS/F 344/NCTR

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS<br>FEMALE<br>250 UG/ML | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|---|-------------|---|---|---|---|---|---|---|-----------------|
|   |             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1               |
|   | 0           | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|   | 2           | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2               |
| ANIMAL ID   | 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               |
|   | 7           | 7 | 8 | 8 | 9 | 9 | 0 | 0 | 0               |
|   | 1           | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2               |
|   |             |   |   |   |   |   |   |   | <b>* TOTALS</b> |

**ALIMENTARY SYSTEM**

|                           |   |   |   |   |   |   |   |   |          |
|---------------------------|---|---|---|---|---|---|---|---|----------|
| Esophagus                 | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Large, Cecum    | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Large, Colon    | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Large, Rectum   | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Small, Ileum    | + | + | + | + | + | + | + | + | <b>8</b> |
| Intestine Small, Jejunum  | + | + | + | + | + | + | + | + | <b>8</b> |
| Liver                     | + | + | + | + | + | + | + | + | <b>8</b> |
| Pancreas                  | + | + | + | + | + | + | + | + | <b>8</b> |
| Salivary Glands           | + | + | + | + | + | + | + | + | <b>8</b> |
| Stomach, Forestomach      | + | + | + | + | + | + | + | + | <b>8</b> |
| Stomach, Glandular        | + | + | + | + | + | + | + | + | <b>8</b> |
| Tongue                    | + | + | + | + | + | + | + | + | <b>8</b> |

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 Acrylamide  
 CAS Number: 79-06-1

Date Report Requested: 09/21/2016  
 Time Report Requested: 15:04:22  
 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

| DAY ON TEST                              | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 |          |
|--|-----------------|---|---|---|---|---|---|---|----------|
|  | 1               | 1 | 1 | 1 | 1 | 1 | 1 | 1 |          |
| <b>FISCHER 344 RATS-NCTR RATS FEMALE</b> | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 |          |
| <b>250 UG/ML</b>                         | 2               | 2 | 2 | 2 | 2 | 2 | 2 | 2 |          |
| ANIMAL ID                                | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 |          |
|  | 0               | 0 | 0 | 0 | 0 | 0 | 0 | 0 |          |
|  | 3               | 3 | 3 | 3 | 3 | 3 | 4 | 4 |          |
|  | 7               | 7 | 8 | 8 | 9 | 9 | 0 | 0 |          |
|  | 1               | 2 | 1 | 2 | 1 | 2 | 1 | 2 |          |
|  | <b>* TOTALS</b> |   |   |   |   |   |   |   |          |
| Blood Vessel                             | +               | + | + | + | + | + | + | + | <b>8</b> |
| Heart                                    | +               | + | + | + | + | + | + | + | <b>8</b> |
| <b>ENDOCRINE SYSTEM</b>                  |                 |   |   |   |   |   |   |   |          |
| Adrenal Cortex                           | +               | + | + | + | + | + | + | + | <b>8</b> |
| Adrenal Medulla                          | +               | + | + | + | + | + | + | + | <b>8</b> |
| Islets, Pancreatic                       | +               | + | + | + | + | + | + | + | <b>8</b> |
| Parathyroid Gland                        | +               | + | + | + | + | + | + | + | <b>8</b> |
| Pituitary Gland                          | +               | + | + | + | + | + | + | + | <b>8</b> |
| Thyroid Gland                            | +               | + | + | + | + | + | + | + | <b>8</b> |
| <b>GENERAL BODY SYSTEM</b>               |                 |   |   |   |   |   |   |   |          |
| NONE                                     |                 |   |   |   |   |   |   |   |          |
| <b>GENITAL SYSTEM</b>                    |                 |   |   |   |   |   |   |   |          |
| Clitoral Gland                           | +               | + | + | + | + | + | + | + | <b>8</b> |
| Ovary                                    | +               | + | + | + | + | + | + | + | <b>8</b> |
| Uterus                                   | +               | + | + | + | + | + | + | + | <b>8</b> |

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M .. Missing tissue  
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 BLANK .. Not examined microscopically

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 Lab: NCTR

|   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|---|-------------|---|---|---|---|---|---|---|-----------------|
| FISCHER 344 RATS-NCTR RATS<br>FEMALE<br>250 UG/ML | DAY ON TEST | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1               |
|   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0               |
|   | ANIMAL ID   | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4               |
|   |             | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0               |
|   |             | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2               |
|   |             |   |   |   |   |   |   |   | <b>* TOTALS</b> |

**HEMATOPOIETIC SYSTEM**

|                        |   |   |   |   |   |   |   |   |          |
|------------------------|---|---|---|---|---|---|---|---|----------|
| Bone Marrow            | + | + | + | + | + | + | + | + | <b>8</b> |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | <b>8</b> |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | <b>8</b> |
| Spleen                 | + | + | + | + | + | + | + | + | <b>8</b> |
| Thymus                 | + | + | + | + | + | + | + | + | <b>8</b> |

**INTEGUMENTARY SYSTEM**

|               |   |   |   |   |   |   |   |   |          |
|---------------|---|---|---|---|---|---|---|---|----------|
| Mammary Gland | + | + | + | + | + | + | + | + | <b>8</b> |
| Skin          | + | + | + | + | + | + | + | + | <b>8</b> |

**MUSCULOSKELETAL SYSTEM**

|                 |   |   |   |   |   |   |   |   |          |
|-----------------|---|---|---|---|---|---|---|---|----------|
| Bone, Femur     | + | + | + | + | + | + | + | + | <b>8</b> |
| Skeletal Muscle | + | + | + | + | + | + | + | + | <b>8</b> |

**NERVOUS SYSTEM**

|                   |   |   |   |   |   |   |   |   |          |
|-------------------|---|---|---|---|---|---|---|---|----------|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | <b>8</b> |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | <b>8</b> |

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 First Dose M/F: 07/12/04 / 07/12/04  
 Lab: NCTR

| FISCHER 344 RATS-NCTR RATS<br>FEMALE<br>250 UG/ML | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID |  |                 |
|---|-------------|---|---|---|---|---|---|---|---|-----------|--|-----------------|
|   |             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |           |  |                 |
|   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |           |  |                 |
|   |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |           |  |                 |
|   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |           |  |                 |
|   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |           |  |                 |
|   |             | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 |           |  |                 |
|   |             | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 |           |  |                 |
|   |             | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |           |  |                 |
|   |             |   |   |   |   |   |   |   |   |           |  | <b>* TOTALS</b> |
| Brain, Cerebrum                                   |             | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| Peripheral Nerve                                  |             | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| Spinal Cord, Cervical                             |             | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| Spinal Cord, Lumbar                               |             | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| Spinal Cord, Thoracic                             |             | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| <b>RESPIRATORY SYSTEM</b>                         |             |   |   |   |   |   |   |   |   |           |  |                 |
| Lung  |             | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| Nose  |             | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| Trachea   |             | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| <b>SPECIAL SENSES SYSTEM</b>                      |             |   |   |   |   |   |   |   |   |           |  |                 |
| Eye   |             | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| Harderian Gland                                   |             | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| <b>URINARY SYSTEM</b>                             |             |   |   |   |   |   |   |   |   |           |  |                 |
| Kidney  |             | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |
| Urinary Bladder                                   |             | + | + | + | + | + | + | + | + |           |  | <b>8</b>        |

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|   |             |   |   |   |   |   |   |   |   |  |
|---|-------------|---|---|---|---|---|---|---|---|--|
| FISCHER 344 RATS-NCTR RATS<br>FEMALE<br>250 UG/ML | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|   |             | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
|   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
|   |             | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |
|   | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |  |
|   |             | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |  |
|   |             | 3 | 3 | 3 | 3 | 3 | 4 | 4 |   |  |
|   |             | 7 | 7 | 8 | 8 | 9 | 9 | 0 |   |  |
|   |             | 1 | 2 | 1 | 2 | 1 | 2 | 1 |   |  |
| <b>* TOTALS</b>                                   |             |   |   |   |   |   |   |   |   |  |

**SYSTEMIC LESIONS**

|                |   |   |   |   |   |   |   |   |          |
|----------------|---|---|---|---|---|---|---|---|----------|
| Multiple Organ | + | + | + | + | + | + | + | + | <b>8</b> |
|----------------|---|---|---|---|---|---|---|---|----------|

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

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
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