

Experiment Number: 20314-01
Test Type: 90-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Glycidamide
CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
Time Report Requested: 14:18:16
First Dose M/F: NA / NA
Lab: NCTR

| | |
|-----------------------------|--------------|
| C Number: | C20314 |
| Lock Date: | Not Entered. |
| Cage Range: | All |
| Date Range: | All |
| Reasons For Removal: | All |
| Removal Date Range: | All |
| Treatment Groups: | All |
| Study Gender: | Both |
| PWG Approval Date | NONE |

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| F 344/NCTR Rat Male CONTROL | 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 | 0 | 0 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 0 |
| | 9 | 9 | 0 | 0 | 1 | 1 | 2 | 2 | 0 |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 0 |
| | | | | | | | | | *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 |
| Hepatodiaphragmatic Nodule | | | X | | | | | | 1 |
| Left Lat Lobe, Developmental Malformation | | | X | | | | | | 1 |
| Pancreas | + | + | + | + | + | + | + | + | 8 |
| Salivary Glands | + | + | + | + | + | + | + | + | 8 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | 8 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | 8 |
| Tongue | + | + | + | + | + | + | + | + | 8 |

Cardiovascular System

| | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|-------|
| Blood Vessel | + | + | + | + | + | + | + | + | 8 |
| Heart | + | + | + | + | + | + | + | + | 8 |
| Artery, Inflammation | | | | | | | | 2 | 1 2.0 |
| Myocardium, Inflammation, Focal | | | 1 | 2 | 1 | 3 | 2 | | 5 1.8 |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20314-01
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 Lab: NCTR

**F 344/NCTR Rat Male
 CONTROL**

| DAY ON TEST | 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 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | 9 | 9 | 0 | 0 | 1 | 1 | 2 | 2 | 2 |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 |
| | *TOTALS | | | | | | | | |

Endocrine System

| | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | 8 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | 8 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | 8 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | 8 |
| Pituitary Gland | + | + | + | + | + | + | + | + | 8 |
| Thyroid Gland | + | + | + | + | + | + | + | + | 8 |

General Body System

NONE

Genital System

| | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|-------|
| Epididymis | + | + | + | + | + | + | + | + | 8 |
| Preputial Gland | + | + | + | + | + | + | + | + | 8 |
| Inflammation, Chronic | | | 2 | 2 | | 1 | | | 3 1.7 |
| Inflammation, Suppurative | | | | | 3 | | 3 | | 2 3.0 |
| Prostate | + | + | + | + | + | + | + | + | 8 |
| Inflammation, Suppurative | | | | | 3 | | | | 1 3.0 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | 8 |
| Testes | + | + | + | + | + | + | + | + | 8 |

Hematopoietic System

| | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | 8 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | 8 |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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 Species/Strain: Rat/F 344/NCTR

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 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:16
 First Dose M/F: NA / NA
 Lab: NCTR

| F 344/NCTR Rat Male 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 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | |
| | 9 | 9 | 0 | 0 | 1 | 1 | 2 | 2 | 0 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 0 | |
| | *TOTALS | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | 8 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | 8 |
| Spleen | + | + | + | + | + | + | + | + | + | 8 |
| Thymus | + | + | + | + | + | + | + | + | + | 8 |
| Integumentary System | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | 8 |
| Skin | + | + | + | + | + | + | + | + | + | 8 |
| 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 |
| Artery, Mineralization | | | 1 | | | | | | | 1 1.0 |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20314-01
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 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:16
 First Dose M/F: NA / NA
 Lab: NCTR

| F 344/NCTR Rat Male 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 | 0 | 0 | | | |
| | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | | | |
| | 9 | 9 | 0 | 0 | 1 | 1 | 2 | 2 | 0 | | | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 0 | | | |
| | | | | | | | | | | *TOTALS | | |
| Nose | + | + | + | + | + | + | + | + | 8 | | | |
| Goblet Cell, Hyperplasia | 1 | | 2 | 1 | 1 | 2 | 3 | 1 | 7 | 1.6 | | |
| Trachea | + | + | + | + | + | + | + | + | 8 | | | |
| Special Senses System | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | 8 | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | 8 | | | |
| Inflammation, Chronic | | | | | 2 | | | | 1 | 2.0 | | |
| Urinary System | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | 8 | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | 8 | | | |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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X ..Lesion present

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M ..Missing tissue

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1-4 ..Lesion qualified as:

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 Species/Strain: Rat/F 344/NCTR

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 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:16
 First Dose M/F: NA / NA
 Lab: NCTR

| | | | | | | | | | |
|-----------------------------------|-------------|---------|---|---|---|---|---|---|---|
| F 344/NCTR Rat Male 12.2 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 | |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 3 | 3 | 4 | 4 | 5 | 5 | 6 | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | |
| | | *TOTALS | | | | | | | |

Alimentary System

| | | | | | | | | | | | | |
|-------------------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|
| Liver | | | | | | | | | | + | + | 2 |
| Left Lat Lobe, Developmental Malformation | | | | | | | | | | X | X | 2 |

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

| | | | | | | | | | | | | | | | | | | |
|------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|-------|
| Epididymis | | | | | | | | | | + | + | + | + | + | + | + | + | 8 |
| Preputial Gland | | | | | | | | | | | | | | | | | + | 1 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | 2 | 1 2.0 |
| Testes | | | | | | | | | | + | + | + | + | + | + | + | + | 8 |
| Germinal Epith, Degeneration | | | | | | | | | | 1 | 1 | | | | | | | 2 1.0 |

Hematopoietic System

| | | | | | | | | | | | | | | | | | | |
|----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|
| Spleen | | | | | | | | | | | | | | | | | + | 1 |
| Developmental Malformation | | | | | | | | | | | | | | | | | X | 1 |

Integumentary System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:16
 First Dose M/F: NA / NA
 Lab: NCTR

| | | | | | | | | | |
|-------------------------------------------------|-------------|---------|---|---|---|---|---|---|---|
| F 344/NCTR Rat Male 12.2 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 | |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 3 | 3 | 4 | 4 | 5 | 5 | 6 | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | |
| | | *TOTALS | | | | | | | |

NONE
Musculoskeletal System
 NONE
Nervous System
 NONE
Respiratory System
 NONE
Special Senses System
 NONE
Urinary System
 NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:16
 First Dose M/F: NA / NA
 Lab: NCTR

| | | | | | | | | | |
|-----------------------------------|-------------|---------|---|---|---|---|---|---|---|
| F 344/NCTR Rat Male 30.6 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 | |
| | | 8 | 8 | 9 | 9 | 9 | 9 | 9 | |
| | | 9 | 9 | 0 | 0 | 1 | 1 | 2 | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | |
| | | *TOTALS | | | | | | | |

Alimentary System

Liver + 1
 Hepatodiaphragmatic Nodule X 1

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Epididymis + + + + + + + + 8
 Exfoliated Germ Cell 1 1 1 3 1.0
 Testes + + + + + + + + 8
 Germinal Epith, Degeneration 1 1 1 3 1.0

Hematopoietic System

NONE

Integumentary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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X ..Lesion present

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1-4 ..Lesion qualified as:

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Experiment Number: 20314-01
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 First Dose M/F: NA / NA
 Lab: NCTR

| | | | | | | | | | |
|-------------------------------------------------|-------------|---|---|---|---|---|---|---|----------------|
| F 344/NCTR Rat Male 30.6 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 | |
| | | 8 | 8 | 9 | 9 | 9 | 9 | 9 | |
| | | 9 | 9 | 0 | 0 | 1 | 1 | 2 | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | *TOTALS |

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:16
 First Dose M/F: NA / NA
 Lab: NCTR

| | | | | | | | | | |
|-----------------------------------|-------------|---|---|---|---|---|---|---|---------|
| F 344/NCTR Rat Male 61.2 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 |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 |
| | | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |
| | | | | | | | | | *TOTALS |

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

| | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|-----|
| Epididymis | + | + | + | + | + | + | + | + | 8 | |
| Exfoliated Germ Cell | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 8 | 1.9 |
| Hypospermia | | | 1 | 1 | 2 | 1 | 2 | 2 | 6 | 1.5 |
| Testes | + | + | + | + | + | + | + | + | 8 | |
| Germinal Epith, Degeneration | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 8 | 1.9 |

Hematopoietic System

NONE

Integumentary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

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M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

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

F 344/NCTR Rat Male
 61.2 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 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 |
| | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |
| | *TOTALS | | | | | | | |

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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X ..Lesion present

I ..Insufficient tissue

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 Species/Strain: Rat/F 344/NCTR

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 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:16
 First Dose M/F: NA / NA
 Lab: NCTR

| | | | | | | | | | |
|----------------------------------|-------------|---------|---|---|---|---|---|---|---|
| F 344/NCTR Rat Male 122 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 | |
| | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | |
| | | 1 | 1 | 2 | 2 | 3 | 3 | 4 | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | |
| | | *TOTALS | | | | | | | |

Alimentary System

Liver + 1
 Left Lat Lobe, Developmental Malformation X 1

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

| | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|-----|
| Epididymis | + | + | + | + | + | + | + | + | 8 | |
| Exfoliated Germ Cell | 3 | 4 | 3 | 2 | 3 | 3 | 3 | 3 | 8 | 3.0 |
| Hypospermia | 3 | 4 | 2 | 2 | 3 | 3 | 3 | 3 | 8 | 2.9 |
| Testes | + | + | + | + | + | + | + | + | 8 | |
| Germinal Epith, Degeneration | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 8 | 2.8 |

Hematopoietic System

NONE

Integumentary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:16
 First Dose M/F: NA / NA
 Lab: NCTR

**F 344/NCTR Rat Male
 122 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 |
| | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |
| | *TOTALS | | | | | | | |

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

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2) Mild 4) Marked

Experiment Number: 20314-01
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 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:16
 First Dose M/F: NA / NA
 Lab: NCTR

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

| DAY ON TEST | 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 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 8 |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 |
| | *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 |
| Hematopoietic Cell Proliferation | | | 1 | | | | | | 1 1.0 |
| Left Lat Lobe, Developmental Malformation | | | | | X | | | | 1 |
| Pancreas | + | + | + | + | + | + | + | + | 8 |
| Salivary Glands | + | + | + | + | + | + | + | + | 8 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | 8 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | 8 |
| Tongue | + | + | + | + | + | + | + | + | 8 |

Cardiovascular System

| | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|-------|
| Blood Vessel | + | + | + | + | + | + | + | + | 8 |
| Heart | + | + | + | + | + | + | + | + | 8 |
| Myocardium, Inflammation, Focal | | 1 | 1 | 1 | | 1 | | | 4 1.0 |

Endocrine System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:16
 First Dose M/F: NA / NA
 Lab: NCTR

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

| | DAY ON TEST | | | | | | | | |
|------------------------------|-------------|---|---|---|---|---|---|---|---------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | *TOTALS |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | 8 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | 8 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | 8 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | 8 |
| Pituitary Gland | + | M | + | + | + | + | + | + | 7 |
| Thyroid Gland | + | + | + | + | + | + | + | + | 8 |
| General Body System | | | | | | | | | |
| NONE | | | | | | | | | |
| Genital System | | | | | | | | | |
| Epididymis | + | + | + | + | + | + | + | + | 8 |
| Exfoliated Germ Cell | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 8 4.0 |
| Hypospermia | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 8 4.0 |
| Preputial Gland | + | + | + | + | + | + | + | + | 8 |
| Inflammation | | | 2 | | | | | | 1 2.0 |
| Inflammation, Chronic | | | | | | | 2 | | 1 2.0 |
| Inflammation, Suppurative | 2 | 2 | | 3 | 2 | 2 | | | 5 2.2 |
| Prostate | + | + | + | + | + | + | + | + | 8 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | 8 |
| Testes | + | + | + | + | + | + | + | + | 8 |
| Germinal Epith, Degeneration | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 8 3.9 |
| Hematopoietic System | | | | | | | | | |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:16
 First Dose M/F: NA / NA
 Lab: NCTR

| F 344/NCTR Rat Male 306 UG/ML | DAY ON TEST | | | | | | | | ANIMAL ID | | |
|----------------------------------|-------------|---|---|---|---|---|---|---|-----------|----------------|-------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | 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 | | |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 8 | | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | | |
| | | | | | | | | | | *TOTALS | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | 8 | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | 8 | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | 8 | |
| Spleen | + | + | + | + | + | + | + | + | + | 8 | |
| Congestion | | | | 2 | | | | | | | 1 2.0 |
| Thymus | + | + | + | + | + | + | + | + | + | 8 | |
| Integumentary System | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | 8 | |
| Skin | + | + | + | + | + | + | + | + | + | 8 | |
| 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 | |
| Axon, Degeneration | 1 | | | 1 | | | | | | | 2 1.0 |
| Spinal Cord, Thoracic | + | + | + | + | + | + | + | + | + | 8 | |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:17
 First Dose M/F: NA / NA
 Lab: NCTR

| | | | | | | | | | |
|------------------------------------------------|-------------|---------|---|---|---|---|---|---|---|
| F 344/NCTR Rat Male 306 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 | |
| | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | | 5 | 5 | 6 | 6 | 7 | 7 | 8 | |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | |
| | | *TOTALS | | | | | | | |

Respiratory System

| | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|-------|
| Lung | + | + | + | + | + | + | + | + | 8 |
| Nose | + | + | + | + | + | + | + | + | 8 |
| Goblet Cell, Hyperplasia | 1 | 3 | 3 | 2 | | | 2 | | 5 2.2 |
| Trachea | + | + | + | + | + | + | + | + | 8 |

Special Senses System

| | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|-------|
| Eye | + | + | + | + | + | + | + | + | 8 |
| Retina, Degeneration | | | 1 | | | | | | 1 1.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | 8 |

Urinary System

| | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|-------|
| Kidney | + | + | + | + | + | + | + | + | 8 |
| Cortex, Inflammation, Chronic | | | | 1 | | | | | 1 1.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | 8 |
| Dilatation | | | | | | 3 | 2 | | 2 2.5 |

END OF MALE DATA

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:17
 First Dose M/F: NA / NA
 Lab: NCTR

| F 344/NCTR Rat Female CONTROL | DAY ON TEST | | | | | | | | *TOTALS |
|----------------------------------|-------------|---|---|---|---|---|---|---|---------|
| | 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 | 0 | 0 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | |

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 |
| Left Lat Lobe, Developmental Malformation | | | | | | X | | | 1 |
| Mesentery | | | | | | + | | | 1 |
| Fat, Necrosis | | | | | | 3 | | | 1 3.0 |
| Pancreas | + | + | + | + | + | + | + | + | 8 |
| Salivary Glands | + | + | + | + | + | + | + | + | 8 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | 8 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | 8 |
| Tongue | + | + | + | + | + | + | + | + | 8 |

Cardiovascular System

| | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|-------|
| Blood Vessel | + | + | + | + | + | + | + | + | 8 |
| Heart | + | + | + | + | + | + | + | + | 8 |
| Myocardium, Inflammation, Focal | | 1 | | 1 | | | | | 2 1.0 |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:17
 First Dose M/F: NA / NA
 Lab: NCTR

| F 344/NCTR Rat Female 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 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | *TOTALS |

Endocrine System

| | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | 8 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | 8 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | 8 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | 8 |
| Pituitary Gland | + | + | + | + | + | + | + | + | 8 |
| Thyroid Gland | + | + | + | + | + | + | + | + | 8 |

General Body System

NONE

Genital System

| | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|-------|
| Clitoral Gland | + | + | + | + | + | + | + | + | 8 |
| Inflammation, Chronic | | | 2 | 2 | | | 2 | | 3 2.0 |
| Inflammation, Suppurative | | | 2 | | | 3 | | 3 | 3 2.7 |
| Ovary | + | + | + | + | + | + | + | + | 8 |
| Cyst | | | | | | X | X | | 2 |
| Uterus | + | + | + | + | + | + | + | + | 8 |
| Dilatation | | | 3 | 3 | | | | | 2 3.0 |

Hematopoietic System

| | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | 8 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | 8 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | 8 |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

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2) Mild 4) Marked

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 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:17
 First Dose M/F: NA / NA
 Lab: NCTR

| F 344/NCTR Rat Female CONTROL | DAY ON TEST | | | | | | | | ANIMAL ID | | *TOTALS |
|----------------------------------|-------------|---|---|---|---|---|---|---|-----------|--|---------|
| | 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 | | |
| | 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 | 0 | | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |
| | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | | 8 |
| Spleen | + | + | + | + | + | + | + | + | + | | 8 |
| Thymus | + | + | + | + | + | + | + | + | + | | 8 |
| Integumentary System | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | | 8 |
| Skin | + | + | + | + | + | + | + | + | + | | 8 |
| 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 |
| Developmental Malformation | | | | | | | | | X | | 1 |
| Spinal Cord, Lumbar | + | + | + | + | + | + | + | + | + | | 8 |
| Spinal Cord, Thoracic | + | + | + | + | + | + | + | + | + | | 8 |
| Developmental Malformation | | | | | | | | | X | | 1 |
| Respiratory System | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | | 8 |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:
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 2) Mild 4) Marked

Experiment Number: 20314-01
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 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:17
 First Dose M/F: NA / NA
 Lab: NCTR

| F 344/NCTR Rat Female 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 | 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 | 0 | 0 | 0 | | | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | |
| | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | | | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | | | |
| | | | | | | | | | | *TOTALS | | |
| Nose | + | + | + | + | + | + | + | + | + | 8 | | |
| Goblet Cell, Hyperplasia | 1 | | | | 1 | 1 | | | | 3 | 1.0 | |
| Trachea | + | + | + | + | + | + | + | + | + | 8 | | |
| Special Senses System | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | 8 | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | 8 | | |
| Inflammation, Chronic | | | | | | | 1 | | | 1 | 1.0 | |
| Urinary System | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | 8 | | |
| Cortex, Mineralization | | 2 | 2 | 3 | 3 | 2 | 3 | 3 | | 7 | 2.6 | |
| Hydronephrosis | | 2 | | | | | | | | 1 | 2.0 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | 8 | | |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:17
 First Dose M/F: NA / NA
 Lab: NCTR

| | | | | | | | | | |
|-------------------------------------|-------------|---|---|---|---|---|---|---|---------|
| F 344/NCTR Rat Female 12.2 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 | 0 | 0 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | |
| | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | |
| | | | | | | | | | *TOTALS |

Alimentary System

| | | | | | |
|-------------------------------------------|--|--|---|---|---|
| Liver | | | + | + | 2 |
| Hepatodiaphragmatic Nodule | | | | X | 1 |
| Left Lat Lobe, Developmental Malformation | | | X | | 1 |

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

| | | | | |
|------------|---|--|---|-------|
| Ovary | + | | + | 2 |
| Cyst | X | | X | 2 |
| Uterus | + | | | 1 |
| Dilatation | 3 | | | 1 3.0 |

Hematopoietic System

NONE

Integumentary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:17
 First Dose M/F: NA / NA
 Lab: NCTR

| | | | | | | | | | |
|-------------------------------------|-------------|---|---|---|---|---|---|---|---|
| F 344/NCTR Rat Female 12.2 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 | 0 | 0 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | |
| | 7 | 7 | 8 | 8 | 9 | 9 | 0 | 0 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | |
| *TOTALS | | | | | | | | | |

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung

+ 1
 1 1 1.0

Hemorrhage

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:17
 First Dose M/F: NA / NA
 Lab: NCTR

| | | | | | | | | | |
|-------------------------------------|-------------|---|---|---|---|---|---|---|---------|
| F 344/NCTR Rat Female 30.6 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 | 0 | 0 | |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | |
| | | | | | | | | | *TOTALS |

Alimentary System

| | | | | | | | | | |
|-------------------------------------------|--|---|--|---|--|--|--|--|---|
| Liver | | + | | + | | | | | 2 |
| Hepatodiaphragmatic Nodule | | | | X | | | | | 1 |
| Left Lat Lobe, Developmental Malformation | | X | | | | | | | 1 |

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

| | | | | | | | | | |
|------------|--|---|--|--|--|---|---|--|-------|
| Uterus | | + | | | | + | + | | 3 |
| Dilatation | | 3 | | | | 2 | 3 | | 3 2.7 |

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:17
 First Dose M/F: NA / NA
 Lab: NCTR

| | | | | | | | | | |
|-------------------------------------|-------------|---|---|---|---|---|---|---|---|
| F 344/NCTR Rat Female 30.6 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 | 0 | 0 | |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | |
| | *TOTALS | | | | | | | | |

NONE
Nervous System

NONE
Respiratory System

NONE
Special Senses System

NONE
Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:17
 First Dose M/F: NA / NA
 Lab: NCTR

| F 344/NCTR Rat Female 61.2 UG/ML | 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 | 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 | 0 | 0 | 0 | |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | *TOTALS |

Alimentary System

| | | | | | |
|-------------------------------------------|---|--|---|--|---|
| Liver | + | | + | | 2 |
| Left Lat Lobe, Developmental Malformation | X | | X | | 2 |

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

| | | | | | |
|------------|--|--|---|---|-------|
| Ovary | | | | + | 1 |
| Cyst | | | | X | 1 |
| Uterus | | | + | | 1 |
| Dilatation | | | 3 | | 1 3.0 |

Hematopoietic System

NONE

Integumentary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:17
 First Dose M/F: NA / NA
 Lab: NCTR

| | | | | | | | | | |
|-------------------------------------|-------------|---|---|---|---|---|---|---|---|
| F 344/NCTR Rat Female 61.2 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 | 0 | 0 |
| | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |
| *TOTALS | | | | | | | | | |

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

Lung

+

1

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:17
 First Dose M/F: NA / NA
 Lab: NCTR

| | | | | | | | | | |
|------------------------------------|-------------|---|---|---|---|---|---|---|---------|
| F 344/NCTR Rat Female 122 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 | 0 | 0 | |
| | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | |
| | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | |
| | | | | | | | | | *TOTALS |

Alimentary System

Liver + 1
 Left Lat Lobe, Developmental Malformation X 1

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Uterus + + 2
 Dilatation 3 3 2 3.0

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:17
 First Dose M/F: NA / NA
 Lab: NCTR

| | | | | | | | | | |
|------------------------------------|-------------|---|---|---|---|---|---|---|---------|
| F 344/NCTR Rat Female 122 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 | 0 | 0 |
| | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 |
| | | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |
| | | | | | | | | | *TOTALS |

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:17
 First Dose M/F: NA / NA
 Lab: NCTR

| F 344/NCTR Rat Female 306 UG/ML | 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 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 9 | 9 | 0 | 0 | 1 | 1 | 2 | 2 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | *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 |
| Inflammation, Chronic Active, Focal | 1 | | | | | | | | 1 1.0 |
| Tension Lipidosis | | X | | | | | | | 1 |
| Mesentery | | | | | + | | | | 1 |
| Fat, Necrosis | | | | | 2 | | | | 1 2.0 |
| Pancreas | + | + | + | + | + | + | + | + | 8 |
| Acinus, Atrophy | | | | 1 | | | | | 1 1.0 |
| Salivary Glands | + | + | + | + | + | + | + | + | 8 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | 8 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | 8 |
| Tongue | + | + | + | + | + | + | + | + | 8 |

Cardiovascular System

| | | | | | | | | | |
|--------------|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | 8 |
| Heart | + | + | + | + | + | + | + | + | 8 |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:17
 First Dose M/F: NA / NA
 Lab: NCTR

| F 344/NCTR Rat Female 306 UG/ML | 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 | 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 | 0 | 0 | 0 | | | |
| | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | | | |
| | 9 | 9 | 0 | 0 | 1 | 1 | 2 | 2 | 0 | | | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 0 | | | |
| | | | | | | | | | | *TOTALS | | |
| Myocardium, Inflammation, Focal | 1 | | 1 | | | | | 1 | | 3 | 1.0 | |
| Endocrine System | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | | 8 | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | | 8 | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | | 8 | | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | | 8 | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | | 8 | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | | 8 | | |
| General Body System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Genital System | | | | | | | | | | | | |
| Clitoral Gland | + | + | + | + | + | + | + | + | | 8 | | |
| Inflammation, Chronic | | | 2 | | 2 | | 2 | 2 | | 5 | 2.0 | |
| Inflammation, Suppurative | | | 2 | | | | | | | 1 | 2.0 | |
| Ovary | + | + | + | + | + | + | + | + | | 8 | | |
| Corpus Luteum, Cyst | | | X | | | | | | | 1 | | |
| Cyst | X | X | | | | | | | | 2 | | |
| Uterus | + | + | + | + | + | + | + | + | | 8 | | |
| Dilatation | | | | 3 | | | | 3 | | 2 | 3.0 | |
| Hematopoietic System | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | | 8 | | |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:17
 First Dose M/F: NA / NA
 Lab: NCTR

| F 344/NCTR Rat Female 306 UG/ML | DAY ON TEST | | | | | | | | *TOTALS |
|------------------------------------|-------------|---|---|---|---|---|---|---|---------|
| | 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 | 0 | 0 | |
| | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 9 | 9 | 0 | 0 | 1 | 1 | 2 | 2 | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | |
| Bone Marrow | + | + | + | + | + | + | + | + | 8 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | 8 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | 8 |
| Spleen | + | + | + | + | + | + | + | + | 8 |
| Thymus | + | + | + | + | + | + | + | + | 8 |
| Integumentary System | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | 8 |
| Skin | + | + | + | + | + | + | + | + | 8 |
| Musculoskeletal System | | | | | | | | | |
| Bone, Femur | + | + | + | + | + | + | + | + | 8 |
| Skeletal Muscle | + | + | + | + | + | + | + | + | 8 |
| Nervous System | | | | | | | | | |
| Brain, Brain Stem | + | + | + | + | + | + | + | + | 8 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | 8 |
| Brain, Cerebrum | + | + | + | + | + | + | + | + | 8 |
| Peripheral Nerve | + | + | + | + | + | + | + | + | 8 |
| Axon, Degeneration | | | 1 | | | | | | 1 1.0 |
| Schwann Cell, Degeneration | | | 1 | | | | | | 1 1.0 |
| Spinal Cord, Cervical | + | + | + | + | + | + | + | + | 8 |
| Spinal Cord, Lumbar | + | + | + | + | + | + | + | + | 8 |
| Axon, Degeneration | | | 1 | | | | 2 | 1 | 3 1.3 |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 20314-01
 Test Type: 90-DAY
 Route: DOSED WATER
 Species/Strain: Rat/F 344/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Glycidamide
 CAS Number: 5694-00-8

Date Report Requested: 10/23/2014
 Time Report Requested: 14:18:17
 First Dose M/F: NA / NA
 Lab: NCTR

| F 344/NCTR Rat Female 306 UG/ML | 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 | 0 | 0 | | | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | | | |
| | 9 | 9 | 0 | 0 | 1 | 1 | 2 | 2 | 0 | | | |
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 0 | | | |
| | | | | | | | | | | *TOTALS | | |
| Spinal Cord, Thoracic | + | + | + | + | + | + | + | + | + | | | 8 |
| Respiratory System | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | | | 8 |
| Nose | + | + | + | + | + | + | + | + | + | | | 8 |
| Goblet Cell, Hyperplasia | 2 | 2 | 2 | 2 | | | | 2 | 1 | 6 | 1.8 | |
| Trachea | + | + | + | + | + | + | + | + | + | | | 8 |
| Special Senses System | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | | | 8 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | | | 8 |
| Inflammation, Chronic | | | | | 3 | | | | | 1 | 3.0 | |
| Urinary System | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | | | 8 |
| Cortex, Mineralization | 3 | 3 | | 2 | | 2 | | | | 4 | 2.5 | |
| Hydronephrosis | | | | | 2 | | | | | 1 | 2.0 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | | | 8 |

**** END OF REPORT ****

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