Experiment Number: 96015-03 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Type: 90-DAY

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

CAS Number: 3252-43-5

Date Report Requested: 10/18/2014 Time Report Requested: 17:33:11

First Dose M/F: NA / NA

Lab: SRI

C Number: C96015

Lock Date: 07/20/2001

Cage Range: ΑII

Route: DOSED WATER Species/Strain: Rat/F 344/N

Date Range: ΑII

Reasons For Removal: ΑII

Removal Date Range: ΑII

Treatment Groups: ΑII

Study Gender: Both

PWG Approval Date NONE

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Route: DOSED WATER

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 3252-43-5

Time Report Requested: 17:33:11 First Dose M/F: NA / NA

Date Report Requested: 10/18/2014

Lab: SRI

F 344/N Rat Male 0 MG/L

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMIMAL 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 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

| Allmentar | У | J ys | tem | |
|-----------|---|-------------|-----|--|
| | | | | |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---------|
| Alimentary System | | | | | | | | | | | |
| Esophagus | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | 10 |
| Liver | + | + | + | + | + | + | + | + | + | + | 10 |
| Mesentery | | | | | | | | | + | | 1 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | 10 |
| Cardiovascular System | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | 10 |
| Heart | + | + | + | + | + | + | + | + | + | + | 10 |
| Endocrine System | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | 10 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | 10 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | 10 |

^{* ..}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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Route: DOSED WATER

Test Type: 90-DAY

CAS Number: 3252-43-5

Date Report Requested: 10/18/2014

Time Report Requested: 17:33:11

First Dose M/F: NA / NA

Lab: SRI

Species/Strain: Rat/F 344/N

| F 344/N Rat Male 0 MG/L | DAY ON TEST ANIMAL ID | 0 9 3 0 0 0 0 | 0 9 3 0 0 0 0 2 | 0 9 3 0 0 0 0 3 | 0 9 3 0 0 0 0 4 | 0 9 3 0 0 0 0 5 | 0 9 3 0 0 0 0 6 | 0 9 3 0 0 0 0 7 | 0 9 3 0 0 0 0 8 | 0 9 3 0 0 0 0 9 | 0 9 3 0 0 0 0 1 | *TOTALS |
|----------------------------|------------------------|---------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|---------|
| Pituitary Gland | | + | + | + | + | + | + | + | + | + | + | 10 |
| Thyroid Gland | | + | + | + | + | + | + | + | + | + | + | 10 |
| General Body System | | | | | | | | | | | | |
| NONE Genital System | | | | | | | | | | | | |
| Epididymis | | + | + | + | + | + | + | + | + | + | + | 10 |
| Preputial Gland | | + | + | + | + | + | + | + | + | + | + | 10 |
| Prostate | | + | + | + | + | + | + | + | + | + | + | 10 |
| Seminal Vesicle | | + | + | + | + | + | + | + | + | + | + | 10 |
| Testes | | + | + | + | + | + | + | + | + | + | + | 10 |
| Hematopoietic System | | | | | | | | | | | | |
| Bone Marrow | | + | + | + | + | + | + | + | + | + | + | 10 |
| Lymph Node | | | | + | | | | | | | | 1 |
| Lymph Node, Mandibular | | М | М | М | М | М | М | М | М | + | М | 1 |
| Lymph Node, Mesenteric | | + | + | + | + | + | + | + | + | + | + | 10 |
| Spleen | | + | + | + | + | + | + | + | + | + | + | 10 |
| Thymus | | + | + | + | + | + | + | + | + | + | + | 10 |
| Integumentary System | | | | | | | | | | | | |
| Mammary Gland | | + | + | + | + | + | + | + | + | + | + | 10 |
| Skin | | + | + | + | + | + | + | + | + | + | + | 10 |

^{* ..}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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Route: DOSED WATER

Test Type: 90-DAY

CAS Number: 3252-43-5

Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/18/2014

Time Report Requested: 17:33:11

| F 344/N Rat Male 0 MG/L | DAY ON TEST ANIMAL ID | 0 9 3 0 0 0 0 | 0 9 3 0 0 0 0 | 0 9 3 0 0 0 0 3 | 0 9 3 0 0 0 0 4 | 0 9 3 0 0 0 0 5 | 0 9 3 0 0 0 0 6 | 0 9 3 0 0 0 0 7 | 0 9 3 0 0 0 0 8 | 0 9 3 0 0 0 0 | 0 9 3 0 0 0 1 | *TOTALS |
|----------------------------------|------------------------|---------------------------------|---------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|---------------------------------|---------------------------------|---------|
| Musculoskeletal System | | | | • | • | • | • | • | • | • | | |
| Bone Nervous System | | + | + | + | + | + | + | + | + | + | + | 10 |
| Brain Respiratory System | | + | + | + | + | + | + | + | + | + | + | 10 |
| Lung | | + | + | + | + | + | + | + | + | + | + | 10 |
| Nose | | + | + | + | + | + | + | + | + | + | + | 10 |
| Trachea | | + | + | + | + | + | + | + | + | + | + | 10 |
| Special Senses System | | | | | | | | | | | | |
| Eye | | + | + | + | + | + | + | + | + | + | + | 10 |
| Harderian Gland | | + | + | + | + | + | + | + | + | + | + | 10 |
| Urinary System | | | | | | | | | | | | |
| Kidney | | + | + | + | + | + | + | + | + | + | + | 10 |
| Urinary Bladder SYSTEMIC LESIONS | | + | + | + | + | + | + | + | + | + | + | 10 |
| Multiple Organ | | + | + | + | + | + | + | + | + | + | + | 10 |

 $^{^{\}star}\,$..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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Route: DOSED WATER

Test Type: 90-DAY

0.40.11

Species/Strain: Rat/F 344/N

CAS Number: 3252-43-5

Date Report Requested: 10/18/2014 Time Report Requested: 17:33:11

First Dose M/F: NA / NA

Lab: SRI

| F 344/ | N Rat | Male |
|--------|-------|------|
| 12.5 | MG/L | |

| DAY ON TEST | | _ | _ | _ | _ | • | | _ | • | • |
|-------------|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | U |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMIMAL ID | 0 | 0 | 0 | 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 | 2 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

*TOTALS

Alimentary System

Liver + + 2

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Route: DOSED WATER

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 3252-43-5

Time Report Requested: 17:33:11

Date Report Requested: 10/18/2014

First Dose M/F: NA / NA

Lab: SRI

F 344/N Rat Male 12.5 MG/L

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---------------|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| V VIIIVAVI ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 0 | 0 | 0 | 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 | 2 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

2

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Experiment Number: 96015-03 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Type: 90-DAY Test Compound: Water disinfection byproducts (Dibromoacetonitrile) Route: DOSED WATER **CAS Number:** 3252-43-5 Species/Strain: Rat/F 344/N DAY ON TEST F 344/N Rat Male 3 25 MG/L 0 0 2 2 ANIMAL ID Ō 0 2 5 0 2 8 2 1 2 9 *TOTALS **Alimentary System** Liver Cardiovascular System NONE **Endocrine System** NONE **General Body System** NONE **Genital System** NONE

Hematopoietic System

Thymus

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

I .. Insufficient tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/18/2014 Time Report Requested: 17:33:11

First Dose M/F: NA / NA

Lab: SRI

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

M .. Missing tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Route: DOSED WATER

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Darrar Water dienneeden byproducte (D

CAS Number: 3252-43-5

Time Report Requested: 17:33:11

Date Report Requested: 10/18/2014

First Dose M/F: NA / NA

Lab: SRI

F 344/N Rat Male 25 MG/L

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ANIIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 0 | 0 | 0 | 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 | 3 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + + 2

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Test Type: 90-DAY Route: DOSED WATER

Species/Strain: Rat/F 344/N

CAS Number: 3252-43-5

Date Report Requested: 10/18/2014 Time Report Requested: 17:33:11

First Dose M/F: NA / NA

Lab: SRI

F 344/N Rat Male 50 MG/L

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| VEHINAVI ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 0 | 0 | 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 | 4 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

*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

Nervous System

NONE

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Experiment Number: 96015-03 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Date Report Requested: 10/18/2014

Time Report Requested: 17:33:11

First Dose M/F: NA / NA

Lab: SRI

Route: DOSED WATER CAS Number: 3252-43-5

Species/Strain: Rat/F 344/N

F 344/N Rat Male

Test Type: 90-DAY

DAY ON TEST

ANIMAL ID

3 0 0 3 2 0 0 3 5 0 0 3 8 Õ 3 1 3 3 9 0

0 | 0 | 0

*TOTALS

Respiratory System

Lung + + 2

Special Senses System

NONE

50 MG/L

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + +

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

CAS Number: 3252-43-5

Date Report Requested: 10/18/2014 Time Report Requested: 17:33:11

First Dose M/F: NA / NA

Lab: SRI

DAY ON TEST

F 344/N Rat Male 100 MG/L

Test Type: 90-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

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

Nervous System

NONE

I ..Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

CAS Number: 3252-43-5

Date Report Requested: 10/18/2014 Time Report Requested: 17:33:12

First Dose M/F: NA / NA

Lab: SRI

DAY ON TEST

F 344/N Rat Male 100 MG/L

Test Type: 90-DAY

Route: DOSED WATER
Species/Strain: Rat/F 344/N

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Route: DOSED WATER

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 3252-43-5

First Dose M/F: NA / NA

Lab: SRI

Date Report Requested: 10/18/2014

Time Report Requested: 17:33:12

| F 344/N Rat | Male |
|-------------|------|
| 200 MG/L | |

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMIMAL ID | 0 | 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 | 6 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| | | | | | | | | | | |

| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |
| Alimentary System | | | | | | | | | | | |
| Esophagus | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | 10 |
| Liver | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | 10 |
| Cardiovascular System | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | 10 |
| Heart | + | + | + | + | + | + | + | + | + | + | 10 |
| Endocrine System | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | 10 |

Adrenal Medulla

Pituitary Gland

Parathyroid Gland

M .. Missing tissue

10

10

10

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

*TOTALS

10

Date Report Requested: 10/18/2014

Time Report Requested: 17:33:12

First Dose M/F: NA / NA

Lab: SRI

Route: DOSED WATER

Test Type: 90-DAY

CAS Number: 3252-43-5

Species/Strain: Rat/F 344/N

| | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| F 344/N Rat Male 200 MG/L | 27.1. 01.1.20.1 | 0 9 3 | 0 9 3 | 9 | 9 3 | 9 | 9 | 9 | 9 | 9 | 9 3 |
| 200 WG/L | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 5 1 | 0 5 2 | 0 5 3 | 0 5 4 | 0 5 5 | 0 5 6 | 0 5 7 | 0 5 8 | 0 5 9 | 0 6 0 |
| Thyroid Gland | | + | + | + | + | + | + | + | + | + | + |
| General Body System | | | | | | | | | | | |

General Body System

NONE

| Genital System | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|----|
| Epididymis | + | + | + | + | + | + | + | + | + | + | 10 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | 10 |
| Prostate | + | + | + | + | + | + | + | + | + | + | 10 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | 10 |
| Testes | + | + | + | + | + | + | + | + | + | + | 10 |
| Hematopoietic System | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | 10 |
| Lymph Node | | | | | | | | + | | | 1 |
| Lymph Node, Mandibular | М | М | М | М | + | М | M | M | + | M | 2 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | 10 |
| Spleen | + | + | + | + | + | + | + | + | + | + | 10 |
| Thymus | + | + | + | + | + | + | + | + | + | + | 10 |
| Integumentary System | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | 10 |
| Skin | + | + | + | + | + | + | + | + | + | + | 10 |

Musculoskeletal System

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Date Report Requested: 10/18/2014 Time Report Requested: 17:33:12

First Dose M/F: NA / NA

Lab: SRI

Route: DOSED WATER CAS Number: 3252-43-5

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

DAY ON TEST F 344/N Rat Male 200 MG/L ANIMAL ID Ō Õ Ō 0 5 5 5 2 5 8 5 1 5 9 4 6 7 *TOTALS Bone **Nervous System** Brain **Respiratory System** Lung Nose Trachea **Special Senses System** Eye Harderian Gland **Urinary System** Kidney Urinary Bladder **SYSTEMIC LESIONS** Multiple Organ ***END OF MALE DATA***

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Test Type: 90-DAY

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Route: DOSED WATER

CAS Number: 3252-43-5

First Dose M/F: NA / NA

Lab: SRI

Date Report Requested: 10/18/2014

Time Report Requested: 17:33:12

| F 344/N Rat Female | |
|--------------------|--|
| 0 MG/L | |

Species/Strain: Rat/F 344/N

| 5 AV 6N 7567 | | | | | | | | | | _ |
|--------------|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMIMAL ID | 0 | 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 | 7 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| | | | | | | | | | | |

| | 0 | 0 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 7 | |
|---------------------------|---|--------|---|---|---|---|---|---|---|--------|---------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | ó | *TOTALS |
| Alimentary System | | | | | | | | | | | |
| Esophagus | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | 10 |
| Liver | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | 10 |
| Cardiovascular System | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | 10 |
| Heart | + | + | + | + | + | + | + | + | + | + | 10 |
| Endocrine System | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | 10 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | 10 |
| Parathyroid Gland | + | + | + | + | + | + | М | + | + | + | 9 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | 10 |

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Route: DOSED WATER CAS N

CAS Number: 3252-43-5

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

Date Report Requested: 10/18/2014

Time Report Requested: 17:33:12

| F 344/N Rat Female 0 MG/L | ANIMAL ID | 0 9 3 0 0 0 6 1 | 0 9 3 0 0 0 6 2 | 0 9 3 0 0 0 6 3 | 0 9 3 0 0 0 6 4 | 0 9 3 0 0 0 6 5 | 0 9 3 0 0 0 6 6 | 0 9 3 0 0 0 6 7 | 0 9 3 0 0 0 6 8 | 0 9 3 0 0 0 6 9 | 0 9 3 0 0 0 7 0 | *TOTALS |
|------------------------------|-----------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|---------|
| Thyroid Gland | | + | + | + | + | + | + | + | + | + | + | 10 |
| General Body System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Genital System | | | | | | | | | | | | |
| Clitoral Gland | | + | + | + | + | + | + | + | + | + | + | 10 |
| Ovary | | + | + | + | + | + | + | + | + | + | + | 10 |
| Uterus | | + | + | + | + | + | + | + | + | + | + | 10 |
| Hematopoietic System | | | | | | | | | | | | |
| Bone Marrow | | + | + | + | + | + | + | + | + | + | + | 10 |
| Lymph Node | | | | | + | | | | | | | 1 |
| Lymph Node, Mandibular | | + | М | М | М | М | М | М | М | М | М | 1 |
| Lymph Node, Mesenteric | | + | + | + | + | + | + | + | + | + | + | 10 |
| Spleen | | + | + | + | + | + | + | + | + | + | + | 10 |

DAY ON TEST 0 0 0 0 0 0 0 0 0 0

Thymus

Skin

Bone

Integumentary System

Musculoskeletal System

Mammary Gland

M ..Missing tissue

10

10

10

10

A .. Autolysis precludes evaluation

 $^{^{\}star}\,$.. Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/18/2014

Time Report Requested: 17:33:12

First Dose M/F: NA / NA

Lab: SRI

Test Compound: Water disinfection byproducts (Dibromoacetonitrile) **CAS Number:** 3252-43-5

Route: DOSED WATER

Species/Strain: Rat/F 344/N

F 344/N Rat Female

Test Type: 90-DAY

0 MG/L

Brain

Respiratory System

DAY ON TEST 3 0 0 6 ANIMAL ID 0 0 6 Ō Ō Ō

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | ó | *TOTALS |
|----------------|---|---|---|---|---|---|---|---|---|---|---------|
| Nervous System | | | | | | | | | | | |

| Lung | + | + | + | + | + | + | + | + | + | + | 10 |
|-----------------------|---|---|---|---|---|---|---|---|---|---|----|
| Nose | + | + | + | + | + | + | + | + | + | + | 10 |
| Trachea | + | + | + | + | + | + | + | + | + | + | 10 |
| Special Senses System | | | | | | | | | | | |

| Eye | + | + | + | + | + | + | + | + | + | + | 10 |
|-----------------|---|---|---|---|---|---|---|---|---|---|----|
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | 10 |
| Urinary System | | | | | | | | | | | |

| Kidney | + | + | + | + | + | + | + | + | + | + | 10 |
|---------------------|---|---|---|---|---|---|---|---|---|---|----|
| Halana and Displace | | | | | | | | | | _ | 40 |

Urinary Bladder + + + + + + + + + + + + 10 SYSTEMIC LESIONS

X .. Lesion present

I ..Insufficient tissue

Multiple Organ

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Route: DOSED WATER

Test Type: 90-DAY

CAS Number: 3252-43-5

Species/Strain: Rat/F 344/N

First Dose M/F: NA / NA

Date Report Requested: 10/18/2014

Time Report Requested: 17:33:12

Lab: SRI

F 344/N Rat Female 12.5 MG/L

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Uterus 1

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Route: DOSED WATER

Test Type: 90-DAY

CAS Number: 3252-43-5

First Dose M/F: NA / NA

Date Report Requested: 10/18/2014

Time Report Requested: 17:33:12

Lab: SRI

Species/Strain: Rat/F 344/N

| F 344 | /N Rat | Female |
|-------|--------|--------|
| 12.5 | MG/L | |

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|----------------------|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| A N II N A A I . I D | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

1

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Experiment Number: 96015-03 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Route: DOSED WATER

Species/Strain: Rat/F 344/N

D

Test Type: 90-DAY

CAS Number: 3252-43-5

Date Report Requested: 10/18/2014 Time Report Requested: 17:33:12

First Dose M/F: NA / NA

Lab: SRI

| F 344/N | Rat | Female |
|---------|-----|--------|
| 25 MG/L | • | |

| AY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | O | 0 | O |
|-------------|---|---|---|---|---|---|---|---|---|---|
| 7(1 ON 1201 | o | o | o | o | o | o | o | o | o | o |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMINIAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

*TOTALS

Alimentary System

Liver 1

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

Lymph Node 1

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Route: DOSED WATER

Test Type: 90-DAY

CAS Number: 3252-43-5

Time Report Requested: 17:33:12

Date Report Requested: 10/18/2014

First Dose M/F: NA / NA

Lab: SRI

F 344/N Rat Female 25 MG/L

Species/Strain: Rat/F 344/N

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ANIIMAI ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

2

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Experiment Number: 96015-03 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Route: DOSED WATER **CAS Number:** 3252-43-5

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

Date Report Requested: 10/18/2014 Time Report Requested: 17:33:12

First Dose M/F: NA / NA

Lab: SRI

DAY ON TEST F 344/N Rat Female

0 0 9 2 ANIMAL ID Õ Ō 0 9 5 9 8 9 1

*TOTALS

Alimentary System

NONE

50 MG/L

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Uterus

Hematopoietic System

Lymph Node

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

CAS Number: 3252-43-5

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Date Report Requested: 10/18/2014 Time Report Requested: 17:33:12

First Dose M/F: NA / NA

Lab: SRI

Test Type: 90-DAY
Route: DOSED WATER

Species/Strain: Rat/F 344/N

F 344/N Rat Female 50 MG/L

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ANUMANI ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + 2

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Experiment Number: 96015-03 P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

*TOTALS

1

Route: DOSED WATER CAS Number: 3252-43-5

Species/Strain: Rat/F 344/N

Test Type: 90-DAY

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

Date Report Requested: 10/18/2014

Time Report Requested: 17:33:12

| | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--------------------------------|-------------|----------------------------------|-------------|-------------|--------|--------|--------|--------|--------------------|--------------------|--------------------|
| F 344/N Rat Female 100 MG/L | | <i>0</i> <i>9</i> <i>3</i> | 0 9 3 | 0 9 3 | 9 | 9 3 | 9 | 9 3 | <i>0</i> 9 3 | <i>0</i> 9 3 | <i>0</i> 9 3 |
| | ANIMAL ID | 0 0 1 | 0 0 1 | 0 0 1 | 0 0 1 | 0 0 1 | 0 0 1 | 0 0 1 | 0 0 1 | 0 0 1 | 0 0 1 |
| | | 0 | 0 2 | 03 | 0 4 | 0 5 | 0 6 | 0 7 | 0 8 | . 0 9 | 1 |

Mesentery +
Cardiovascular System

NONE

Endocrine System

Alimentary System

Pituitary Gland + 1

General Body System

NONE

Genital System

Uterus + + 2

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Route: DOSED WATER Species/Strain: Rat/F 344/N

Test Type: 90-DAY

CAS Number: 3252-43-5

First Dose M/F: NA / NA

Date Report Requested: 10/18/2014

Time Report Requested: 17:33:12

Lab: SRI

F 344/N Rat Female 100 MG/L

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|---------------|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| V VIIIVAVI ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

3

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Test Type: 90-DAY

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Route: DOSED WATER **CAS Number:** 3252-43-5

DAY ON TEST A A A A A A A A A

Date Report Requested: 10/18/2014 Time Report Requested: 17:33:12

First Dose M/F: NA / NA

Lab: SRI

| F 344/N Rat Female |
|--------------------|
| 200 MG/L |

Species/Strain: Rat/F 344/N

| | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|---------------------------|-------------|----------|---|--------|---|---|---|---|---|---|-----|---------|
| F 344/N Rat Female | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| 200 MG/L | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| 200 W/G/L | ANIIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 1 1 | 1 | 1 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 2 | |
| | | <u>i</u> | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |
| Alimentary System | | | | | | | | | | | | |
| Esophagus | | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Cecum | | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Colon | | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Rectum | | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Duodenum | | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Ileum | | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Jejunum | | + | + | + | + | + | М | + | + | + | + | 9 |
| Liver | | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas | | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands | | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach | | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Glandular | | + | + | + | + | + | + | + | + | + | + | 10 |
| Cardiovascular System | | | | | | | | | | | | |
| Blood Vessel | | + | + | + | М | + | + | + | + | + | + | 9 |
| Heart | | + | + | + | + | + | + | + | + | + | + | 10 |
| Endocrine System | | | | | | | | | | | | |
| Adrenal Cortex | | + | + | + | + | + | + | + | + | + | + | 10 |
| Adrenal Medulla | | + | + | + | + | + | + | + | + | + | + | 10 |
| Parathyroid Gland | | + | + | + | + | М | + | + | + | + | + | 9 |

Pituitary Gland

M .. Missing tissue

10

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Route: DOSED WATER

CAS Number: 3252-43-5

Lab: SRI

Date Report Requested: 10/18/2014

Time Report Requested: 17:33:12

First Dose M/F: NA / NA

F 344/N Rat Female 200 MG/L

Species/Strain: Rat/F 344/N

| DAY ON TEST | 0 0 9 | 0 0 9 | 0 0 9 | 0 0 9 | 0 0 9 | 0 0 9 | 0 0 9 | 0 0 9 | 0 0 9 | 0 0 9 | |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AMINAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 4- |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | · * I |
| | + | + | + | + | + | + | + | + | + | + | |

TOTALS 10

General Body System

Thyroid Gland

| NONE | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|----|
| Genital System | | | | | | | | | | | |
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | 10 |
| Ovary | + | + | + | + | + | + | + | + | + | + | 10 |
| Uterus | + | + | + | + | + | + | + | + | + | + | 10 |
| Vagina | | | | | | | | | | + | 1 |
| Hematopoietic System | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | 10 |
| Lymph Node | | | + | | | | | | | | 1 |
| Lymph Node, Mandibular | M | M | М | М | M | M | М | М | М | М | 0 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | 10 |
| Spleen | + | + | + | + | + | + | + | + | + | + | 10 |
| Thymus | + | + | + | + | + | + | + | + | + | + | 10 |
| Integumentary System | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | 10 |
| Skin | + | + | + | + | + | + | + | + | + | + | 10 |
| Musculoskeletal System | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | 10 |

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 90-DAY

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Water disinfection byproducts (Dibromoacetonitrile)

Route: DOSED WATER

CAS Number: 3252-43-5

Lab: SRI

Date Report Requested: 10/18/2014

Time Report Requested: 17:33:12

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

| F 344/N Rat Female 200 MG/L | DAY ON TEST ANIMAL ID | 0 0 9 3 0 0 1 1 1 1 | 0 9 3 0 0 1 1 2 | 0 9 3 0 0 1 1 3 | 0 9 3 0 0 1 1 4 | 0 9 3 0 0 1 1 5 | 0 9 3 0 0 1 1 6 | 0 9 3 0 0 1 1 | 0 9 3 0 0 1 1 8 | 0 9 3 0 0 1 1 9 | 0 9 3 0 0 1 2 | *TOTALS |
|--------------------------------|------------------------|---------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|---------------------------------|--------------------------------------|--------------------------------------|---------------------------------|---------|
| Nervous System | | 1 | | <u> </u> | 4 | <u> </u> | _ 0 | | 0 | <u> </u> | | TOTALO |
| Brain Respiratory System | | + | + | + | + | + | + | + | + | + | + | 10 |
| Lung | | + | + | + | + | + | + | + | + | + | + | 10 |
| Nose | | + | + | + | + | + | + | + | + | + | + | 10 |
| Trachea | | + | + | + | + | + | + | + | + | + | + | 10 |
| Special Senses System | | | | | | | | | | | | |
| Eye | | + | + | + | + | + | + | + | + | + | + | 10 |
| Harderian Gland | | + | + | + | + | + | + | + | + | + | + | 10 |
| Urinary System | | | | | | | | | | | | |
| Kidney | | + | + | + | + | + | + | + | + | + | + | 10 |
| Urinary Bladder | | + | + | + | + | + | + | + | + | + | + | 10 |
| SYSTEMIC LESIONS | | | | | | | | | | | | |
| Multiple Organ | | + | + | + | + | + | + | + | + | + | + | 10 |

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

** END OF REPORT **

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue