Experiment Number: 96015-01
Test Type: 14-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Water disinfection byproducts (Dibromoacetonitrile)
CAS Number: 3252-43-5

Date Report Requested: 10/15/2014
First Dose M/F: NA / NA
Lab: SRI

C Number: C96015
Lock Date: Not Entered.
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: NONE
Experiment Number: 96015-01
Test Type: 14-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

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

Date Report Requested: 10/15/2014
First Dose M/F: NA / NA
Lab: SRI

### F 344/N Rat Male
0 MG/L

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**Alimentary System**
- Liver: + + + + + 5

**Cardiovascular System**
NONE

**Endocrine System**
NONE

**General Body System**
NONE

**Genital System**
- Testes: + + + + + 5

**Hematopoietic System**
NONE

**Integumentary System**
NONE

**Musculoskeletal System**
NONE

**Nervous System**
NONE

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

Page 2
Experiment Number: 96015-01
Test Type: 14-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Water disinfection byproducts (Dibromoacetonitrile)
CAS Number: 3252-43-5

Date Report Requested: 10/15/2014
First Dose M/F: NA / NA
Lab: SRI

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**F 344/N Rat Male**
**0 MG/L**

**ANIMAL ID**
0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0
1 2 3 4 5

*TOTALS*

**Respiratory System**

- Lung
  - + + + + + 5

**Special Senses System**

- NONE

**Urinary System**

- Kidney
  - + + + + + 5

**SYSTEMIC LESIONS**

- Multiple Organ
  - + + + + + 5

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
DAY ON TEST

F 344/N Rat Male
12.5 MG/L

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

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
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A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Page 4
### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

**Test Compound:** Water disinfection byproducts (Dibromoacetonitrile)

**CAS Number:** 3252-43-5

---

#### DAY ON TEST

**F 344/N Rat Male**

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#### RESPIRATORY SYSTEM

- NONE

#### SPECIAL SENSES SYSTEM

- NONE

#### URINARY SYSTEM

- NONE

#### SYSTEMIC LESIONS

- **Multiple Organ:** 0

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
Experiment Number: 96015-01
Test Type: 14-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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

Date Report Requested: 10/15/2014
First Dose M/F: NA / NA
Lab: SRI

DIEY ON TEST

F 344/N Rat Male
25 MG/L

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

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
Experiment Number: 96015-01
Test Type: 14-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Water disinfection byproducts (Dibromoacetonitrile)
CAS Number: 3252-43-5

Date Report Requested: 10/15/2014
First Dose M/F: NA / NA
Lab: SRI

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| ANIMAL ID   | TOTALS
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<tr>
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<td>Special Senses System</td>
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<tr>
<td>Urinary System</td>
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</table>

**SYSTEMIC LESIONS**

| Multiple Organ | 0 |

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

**Test Compound:** Water disinfection byproducts (Dibromoacetonitrile)

**CAS Number:** 3252-43-5

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### DAY ON TEST

**F 344/N Rat Male**

**50 MG/L**

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* ..Total animals with tissue examined microscopically; Total animals with tumor
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X ..Lesion present
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**Experiment Number:** 96015-01  
**Test Type:** 14-DAY  
**Route:** DOSED WATER  
**Species/Strain:** Rat/F 344/N  

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Water disinfection byproducts (Dibromoacetonitrile)  
**CAS Number:** 3252-43-5  
**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:55:28  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue  
M ..Missing tissue  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically
**Experiment Number:** 96015-01

**Test Type:** 14-DAY

**Route:** DOSED WATER

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

**Test Compound:** Water disinfection byproducts (Dibromoacetonitrile)

**CAS Number:** 3252-43-5

**Date Report Requested:** 10/15/2014

**Time Report Requested:** 13:55:28

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

**Lab:** SRI

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**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

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**F 344/N Rat Male**

**100 MG/L**

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*TOTALS*

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Testes

+ + + + + 5

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

NONE

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* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
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Experiment Number: 96015-01
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Species/Strain: Rat/F 344/N

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Water disinfection byproducts (Dibromoacetonitrile)
CAS Number: 3252-43-5

Date Report Requested: 10/15/2014
First Dose M/F: NA / NA
Lab: SRI

F 344/N Rat Male
100 MG/L

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*TOTALS

Respiratory System
NONE

Special Senses System
NONE

Urinary System
NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + 5

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
M ..Missing tissue
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Page 11
Experiment Number: 96015-01
Test Type: 14-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Date Report Requested: 10/15/2014
First Dose M/F: NA / NA
Lab: SRI

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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*TOTALS

Alimentary System
   Liver

Cardiovascular System
   NONE

Endocrine System
   NONE

General Body System
   NONE

Genital System
   Testes

Hematopoietic System
   NONE

Integumentary System
   NONE

Musculoskeletal System
   NONE

Nervous System
   NONE

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
### P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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

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**ANIMAL ID:**

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

**Lab:** SRI

---

**Respiratory System**

<table>
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**Special Senses System**

NONE

**Urinary System**

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**SYSTEMIC LESIONS**

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**TOTALS**

Respiratory System: 5

Special Senses System: 5

Urinary System: 5

SYSTEMIC LESIONS: 5

***END OF MALE DATA***
### Experiment Number: 96015-01
### Test Type: 14-DAY
### Route: DOSED WATER
### Species/Strain: Rat/F 344/N
### Test Compound: Water disinfection byproducts (Dibromoacetonitrile)
### CAS Number: 3252-43-5
### Date Report Requested: 10/15/2014
### First Dose M/F: NA / NA

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*TOTALS*

| **Liver** | + | + | + | + | 5 |

**Alimentary System**

- **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

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

Page 14
### Respiratory System

- **Lung**
  - + + + + +
  - Total: 5

### Special Senses System

- **NONE**

### Urinary System

- **Kidney**
  - + + + + +
  - Total: 5

### Systemic Lesions

- **Multiple Organ**
  - + + + + +
  - Total: 5

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
A ..Autolysis precludes evaluation
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
BLANK ..Not examined microscopically
### DAY ON TEST

**F 344/N Rat Female**

<table>
<thead>
<tr>
<th>DAY ON TEST</th>
<th>ANIMAL ID</th>
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<tbody>
<tr>
<td>12.5 MG/L</td>
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<table>
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<th>System</th>
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<tbody>
<tr>
<td>Alimentary System</td>
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</tr>
<tr>
<td>Cardiovascular System</td>
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</tr>
<tr>
<td>Endocrine System</td>
<td>NONE</td>
</tr>
<tr>
<td>General Body System</td>
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</tr>
<tr>
<td>Genital System</td>
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<tr>
<td>Hematopoietic System</td>
<td>NONE</td>
</tr>
<tr>
<td>Integumentary System</td>
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</tr>
<tr>
<td>Musculoskeletal System</td>
<td>NONE</td>
</tr>
<tr>
<td>Nervous System</td>
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</tbody>
</table>

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
DAY ON TEST

F 344/N Rat Female
12.5 MG/L

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
D.O.T.
F 344/N Rat Female
25 MG/L

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

* ..Total animals with tissue examined microscopically; Total animals with tumor
M ..Missing tissue
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A ..Autolysis precludes evaluation
X ..Lesion present
I ..Insufficient tissue
BLANK ..Not examined microscopically
DAY ON TEST

F 344/N Rat Female
25 MG/L

ANIMAL ID

Respiratory System
NONE
Special Senses System
NONE
Urinary System
NONE
SYSTEMIC LESIONS
Multiple Organ 0

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
**Experiment Number:** 96015-01  
**Test Type:** 14-DAY  
**Route:** DOSED WATER  
**Species/Strain:** Rat/F 344/N  

---

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Water disinfection byproducts (Dibromoacetonitrile)  
**CAS Number:** 3252-43-5  

---

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:55:28  
**First Dose M/F:** NA / NA  
**Lab:** SRI

---

### DAY ON TEST

**F 344/N Rat Female**  
**50 MG/L**

<table>
<thead>
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<th>ANIMAL ID</th>
<th>*TOTALS</th>
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<table>
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<th>System</th>
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<tr>
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<td>Endocrine System</td>
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<td>Nervous System</td>
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X ..Lesion present  
I ..Insufficient tissue  
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Page 20
P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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

<table>
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**ANIMAL ID**

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<td>Special Senses System</td>
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<tr>
<td>Urinary System</td>
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**SYSTEMIC LESIONS**

| Multiple Organ | 0 |

| * ..Total animals with tissue examined microscopically; Total animals with tumor |
| + ..Tissue examined microscopically |
| X ..Lesion present |
| I ..Insufficient tissue |

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
**DAY ON TEST**

**F 344/N Rat Female**
**100 MG/L**

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<td><strong>Cardiovascular System</strong></td>
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### Experiment Number: 96015-01
**Test Type:** 14-DAY  
**Route:** DOSED WATER  
**Species/Strain:** Rat/F 344/N

---

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
**Testing Compound:** Water disinfection byproducts (Dibromoacetonitrile)  
**CAS Number:** 3252-43-5

---

**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:55:28  
**First Dose M/F:** NA / NA  
**Lab:** SRI

---

**DAY ON TEST**

---

**F 344/N Rat Female**  
**100 MG/L**

---

**ANIMAL ID**

---

### Respiratory System

- NONE

---

### Special Senses System

- NONE

---

### Urinary System

- NONE

---

### SYSTEMIC LESIONS

- **Multiple Organ: 0**

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
X ..Lesion present  
I ..Insufficient tissue  
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**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Water disinfection byproducts (Dibromoacetonitrile)  
**CAS Number:** 3252-43-5

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**Date Report Requested:** 10/15/2014  
**Time Report Requested:** 13:55:28  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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### F 344/N Rat Female  
### 200 MG/L

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**Alimentary System**

- **Liver:** + + + + + 5

**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**

---

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M ..Missing tissue  
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A ..Autolysis precludes evaluation  
X ..Lesion present  
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**TOTALS**

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<table>
<thead>
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**SYSTEMIC LESIONS**

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**END OF REPORT**