

TDMS No. 96019 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromochloroacetic acid)
 CAS Number: 5589-96-8

Date Report Requested: 12/06/2007
 Time Report Requested: 09:56:07
 First Dose M/F: 09/26/01 / 09/26/01
 Lab: SRI

DAY ON TEST																									
	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
7	7	7	7	6	7	7	7	6	7	6	6	7	7	6	7	7	6	7	7	7	7	7	7	7	7
3	3	3	3	3	3	3	3	6	2	6	9	2	3	3	3	3	8	1	3	3	3	3	3	3	1
5	5	5	5	7	6	6	6	8	9	8	2	9	1	6	1	6	2	5	6	6	4	4	4	7	
.....																									
FISCHER 344 RATS FEMALE 1000 MG/L	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	6	6	6	6	6	6	6	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	9	9
	3	4	5	6	7	8	9	0	1	3	4	5	6	8	9	0	3	4	5	6	7	8	9	0	3

females
(cont...)

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																								
Leukemia Mononuclear				X				X						X										
.....																								
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Mononuclear								X																
Pheochromocytoma Benign		X									X								X					X
Pheochromocytoma Complex																								
Bilateral, Pheochromocytoma Benign																								
.....																								
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																								X
Carcinoma																								
.....																								
Parathyroid Gland	+	M	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	M	+	+	M	+
.....																								
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Adenoma	X	X			X	X	X	X	X	X	X		X			X	X		X	X			X	X
.....																								
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, C-cell, Adenoma																								X

* .. 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	6	7	7	7	6	7	6	6	7	7	6	7	7	6	7	7	7	7	7	7
	3	3	3	3	3	3	3	3	6	2	6	9	2	3	3	3	3	8	1	3	3	3	3	1
	5	5	5	5	7	6	6	6	8	9	8	2	9	1	6	1	6	2	5	6	6	4	4	7
FISCHER 344 RATS FEMALE 1000 MG/L	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	6	6	6	6	6	6	6	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	9	9
	3	4	5	6	7	8	9	0	1	3	4	5	6	8	9	0	3	4	5	6	7	8	9	0

females
(cont...)

C-cell, Adenoma X X X X X
Follicular Cell, Adenoma

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+
Adenoma					X			X				X										X				
Carcinoma																										
Bilateral, Adenoma	X																					X				
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Polyp Stromal			X					X						X				X								
Vagina																										

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
-------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

* .. Total animals with tissue examined microscopically; Total animals with tumor
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	DAY ON TEST																									
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	7	7	7	7	6	7	7	7	6	7	6	6	7	7	6	7	7	6	7	7	7	7	7	7	7	
	3	3	3	3	3	3	3	3	6	2	6	9	2	3	3	3	3	8	1	3	3	3	3	3	1	
	5	5	5	5	7	6	6	6	8	9	8	2	9	1	6	1	6	2	5	6	6	4	4	4	7	
FISCHER 344 RATS FEMALE	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	
1000 MG/L	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	
ANIMAL ID	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
	6	6	6	6	6	6	6	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	females (cont...)
	3	4	5	6	7	8	9	0	1	3	4	5	6	8	9	0	3	4	5	6	7	8	9	0	3	
Leukemia Mononuclear				X			X	X					X													
Lymph Node				+			+			+								+			+			+		
Mediastinal, Leukemia Mononuclear								X																		
Pancreatic, Leukemia Mononuclear				X				X																		
Lymph Node, Mandibular	M	M	M	M	M	M	M	M	M	M	M	M	M	+	M	M	M	M	M	M	M	M	M	M	M	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear				X				X									X									
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemangiosarcoma				X																						
Leukemia Mononuclear				X				X	X					X			X				X			X		
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Leukemia Mononuclear																										
Thymoma Benign																										

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma				X																					
Fibroadenoma				X		X		X	X								X								

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DAY ON TEST	0 0																							
	7 7 7 7 6 7 7 7 6 7 6 6 7 7 6 7 7 6 7 7 7 7 7 7																							
	3 3 3 3 3 3 3 3 6 2 6 9 2 3 3 3 3 8 1 3 3 3 3 1																							
	5 5 5 5 7 6 6 6 8 9 8 2 9 1 6 1 6 2 5 6 6 4 4 4 7																							
FISCHER 344 RATS FEMALE ANIMAL ID 1000 MG/L	0 0																							
	0 0																							
	4 4																							
	6 6 6 6 6 6 6 6 7 7 7 7 7 7 8 8 8 8 8 8 8 8 9 9																							
	3 4 5 6 7 8 9 0 1 3 4 5 6 8 9 0 3 4 5 6 7 8 9 0 3																							

females (cont...)

Fibroadenoma, Multiple

X X

Skin

+ +

Sebaceous Gland, Carcinoma

Subcutaneous Tissue, Fibroma

Subcutaneous Tissue, Fibrosarcoma

X

X

X

MUSCULOSKELETAL SYSTEM

Bone

+ +

Mandible, Squamous Cell Carcinoma,
Metastatic, Oral Mucosa

Skeletal Muscle

NERVOUS SYSTEM

Brain

Leukemia Mononuclear

+ +

X

Peripheral Nerve

+

Spinal Cord

+

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| DAY ON TEST | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|--------------------------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 6 | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 6 | 2 | 6 | 9 | 2 | 3 | 3 | 3 | 3 | 8 | 1 | 3 | 3 | 3 | 3 | 3 | 1 |
| 5 | 5 | 5 | 5 | 7 | 6 | 6 | 6 | 8 | 9 | 8 | 2 | 9 | 1 | 6 | 1 | 6 | 2 | 5 | 6 | 6 | 4 | 4 | 4 | 7 | 0 |
| FISCHER 344 RATS FEMALE | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1000 MG/L | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 3 | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Alveolar/Bronchiolar Adenoma | | | | X | | | | | | | | | | | | | | | | | | | | |
| Carcinoma, Metastatic, Mammary Gland | | | | | X | | | | | | | | | | | | | | | | | | | |
| Carcinoma, Metastatic, Skin | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | X | | | | X | X | | | | | | X | | | | | | | | | |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Leukemia Mononuclear | | | | | | | | X | | | | | | | X | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
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| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------------|--|
| | 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 | |
| | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 6 | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 6 | 2 | 6 | 9 | 2 | 3 | 3 | 3 | 3 | 8 | 1 | 3 | 3 | 3 | 3 | 3 | 1 | | |
| | 5 | 5 | 5 | 5 | 7 | 6 | 6 | 6 | 8 | 9 | 8 | 2 | 9 | 1 | 6 | 1 | 6 | 2 | 5 | 6 | 6 | 4 | 4 | 4 | 7 | | |
| FISCHER 344 RATS FEMALE | 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 | | |
| 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 | | |
| 1000 MG/L | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | | |
| | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 3 | females (cont...) | |

Urinary Bladder +

SYSTEMIC LESIONS

Multiple Organ +
 Leukemia Mononuclear X X X X X X X X

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| DAY ON TEST | 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 | |
|--------------------------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 | 7 | 7 | 7 | 7 | 6 | 2 | 6 | 7 | 6 | 3 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | |
| | 3 | 3 | 3 | 3 | 3 | 6 | 5 | 6 | 3 | 0 | 8 | 2 | 2 | 2 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | |
| | 6 | 6 | 5 | 5 | 5 | 8 | 8 | 0 | 6 | 4 | 1 | 9 | 9 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 8 | 6 | 6 | 6 | |
| FISCHER 344 RATS FEMALE | 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 | |
| 1000 MG/L | 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 | |
| ANIMAL ID | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | |
| | 4 | 5 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 8 | 9 | 0 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 3 | 4 | 5 |
| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Leiomyosarcoma | | | | | | | X | | | | | | | | | | | | | | | | | | | | 1 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adenoma | | | | | | | | | X | | | | | | | | | | X | | | | | | | X | 5 |
| Adenoma, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adenoma | | | | | | | | | X | | | | | | | | | | | | | | | | | | 2 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hepatocellular Adenoma | | | | | | | | | | | | | | | | | | | | | X | | | | | | 3 |
| Leiomyosarcoma, Metastatic, Uncertain Primary Site | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

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

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 96019 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromochloroacetic acid)
 CAS Number: 5589-96-8

Date Report Requested: 12/06/2007
 Time Report Requested: 09:56:07
 First Dose M/F: 09/26/01 / 09/26/01
 Lab: SRI

| DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|---|--|--|---|--|---|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|---|----------|----|----|
| | 7 7 7 7 7 6 2 6 7 6 3 7 7 7 6 7 7 7 7 7 7 6 7 7 7 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FISCHER 344 RATS FEMALE
1000 MG/L
ANIMAL ID | 3 3 3 3 3 6 5 6 3 0 8 2 2 2 8 3 3 3 3 3 3 1 3 3 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 6 5 5 5 8 8 0 6 4 1 9 9 9 7 6 6 6 6 6 6 8 6 6 6 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | X | | X | | | | | | | | | X | | | | | | | | | X | | 11 | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Leiomyosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Leiomyosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Heart | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |

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

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 96019 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromochloroacetic acid)
CAS Number: 5589-96-8

Date Report Requested: 12/06/2007
 Time Report Requested: 09:56:07
 First Dose M/F: 09/26/01 / 09/26/01
 Lab: SRI

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|---|
| DAY ON TEST | | 7 | 7 | 7 | 7 | 7 | 6 | 2 | 6 | 7 | 6 | 3 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 |
| DAY ON TEST | | 3 | 3 | 3 | 3 | 3 | 6 | 5 | 6 | 3 | 0 | 8 | 2 | 2 | 2 | 8 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 |
| DAY ON TEST | | 6 | 6 | 5 | 5 | 5 | 8 | 8 | 0 | 6 | 4 | 1 | 9 | 9 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 8 | 6 | 6 | 6 |
| FISCHER 344 RATS FEMALE
1000 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 | |
| | 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 | |
| | ANIMAL ID | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | ANIMAL ID | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| | ANIMAL ID | 4 | 5 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 3 | 4 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Adenoma | | | | | X | | | | | | | | | | | | | | | | | | | | 1 | |
| Leukemia Mononuclear | | | | | | | | | | X | | | | | X | | | X | | | | | | | 6 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Leukemia Mononuclear | | | | | | | | | | X | | | | | X | | | X | | | | | | | 4 | |
| Pheochromocytoma Benign | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| Pheochromocytoma Complex | | | | | | | | | | | | | | | X | | | | | | | | | | 1 | |
| Bilateral, Pheochromocytoma Benign | | | | | X | | | | | | | | | | | | | | | | | | | | 1 | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Adenoma | | | | | X | | | | | | | | | | | | | | | | | | | | 2 | |
| Carcinoma | X | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | M | + | 42 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Pars Distalis, Adenoma | | | X | | | X | | | | X | | | | | X | | | X | | X | X | X | X | X | X | 26 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Bilateral, C-cell, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |

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

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

TDMS No. 96019 - 05
 Test Type: CHRONIC
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 Species/Strain: RATS/F 344

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromochloroacetic acid)
CAS Number: 5589-96-8

Date Report Requested: 12/06/2007
Time Report Requested: 09:56:07
First Dose M/F: 09/26/01 / 09/26/01
Lab: SRI

| DAY ON TEST | 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 |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 | 7 | 7 | 7 | 7 | 6 | 2 | 6 | 7 | 6 | 3 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 |
| | 3 | 3 | 3 | 3 | 3 | 6 | 5 | 6 | 3 | 0 | 8 | 2 | 2 | 2 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 |
| | 6 | 6 | 5 | 5 | 5 | 8 | 8 | 0 | 6 | 4 | 1 | 9 | 9 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 8 | 6 | 6 | 6 |
| FISCHER 344 RATS FEMALE | 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 |
| 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 |
| 1000 MG/L | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| | 4 | 5 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 3 | 4 | 5 |
| * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| C-cell, Adenoma | X | X | | | | | | | | | | | | | | | | | | | | | 7 |
| Follicular Cell, Adenoma | | | | X | | | | | | | | | | | | | | | | | | | 1 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Clitoral Gland | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Adenoma | | | | X | | | | | | | | | | X | X | | X | | | | | X | | | 9 |
| Carcinoma | | | | | | | | X | | | | | | | | | | | | | | | | | 1 |
| Bilateral, Adenoma | | | | | | | | | | | | | | | | | | | | | | X | | | 3 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Polyp Stromal | | | | X | X | X | | | | | | | X | | | | X | | | | | | X | X | 11 |
| Vagina | | | | + | | | | | | | | | | | | | | | | | | | | | 1 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 x .. Lesion present
 l .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
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TDMS No. 96019 - 05
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 Water disinfection byproducts (Bromochloroacetic acid)
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Lab: SRI

| DAY ON TEST | 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 | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| | 7 | 7 | 7 | 7 | 7 | 6 | 2 | 6 | 7 | 6 | 3 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | |
| | 3 | 3 | 3 | 3 | 3 | 6 | 5 | 6 | 3 | 0 | 8 | 2 | 2 | 2 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | |
| | 6 | 6 | 5 | 5 | 5 | 8 | 8 | 0 | 6 | 4 | 1 | 9 | 9 | 9 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 8 | 6 | 6 | |
| FISCHER 344 RATS FEMALE | 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 | |
| 1000 MG/L | 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 | |
| ANIMAL ID | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | |
| | 4 | 5 | 8 | 9 | 0 | 1 | 3 | 4 | 5 | 8 | 9 | 0 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 9 | 0 | 1 | 3 | 4 | 5 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| Leukemia Mononuclear | | | | X | | | | | | | | | | X | | | X | | | | | | | | | 7 |
| Lymph Node | | | | + | | | | | | | + | + | + | | | + | + | | | | | + | + | | | 16 |
| Mediastinal, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pancreatic, Leukemia Mononuclear | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Lymph Node, Mandibular | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 1 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Leukemia Mononuclear | | | | | | | | | | X | | | | | | | | | | | | | | | | 4 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | | X | | X | | | | X | | | | X | | X | | | | | X | | | | | 12 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Leukemia Mononuclear | | | | | | | | | | | X | | | | | | | | | | | | | | | 1 |
| Thymoma Benign | | | | X | | | | | | | | | | | | | | | | | | | | | | 1 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Carcinoma | | | | | | | | | | | X | | | | | | X | | | | | | | | | 3 |
| Fibroadenoma | | | | | | | | | X | | | | | X | | | | X | | | | | | | | 8 |

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

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