

Experiment Number: 96014 - 05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 03/05/2013

Time Report Requested: 08:02:51

First Dose M/F: 10/26/06 / 10/27/06

Lab: BAT

F1_RD_Rev. 1

NTP Study Number:	C96014B		
Lock Date:	11/17/2009		
Cage Range:	ALL		
Date Range:	ALL		
Reasons For Removal:	25021 TSAC	25020 NATD	25019 MSAC
Removal Date Range:	ALL		
Treatment Groups:	Include ALL		
Study Gender:	Both		
TDMSE Version:	3.0.1.1_001		
PWG Approval Date:	NONE		

Note: Animals arranged according to days on test.

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FISCHER 344-TACONIC RATS MALE	DAY ON TEST																									males (cont...)
	0383	0477	0537	0544	0551	0555	0557	0558	0558	0559	0563	0566	0566	0566	0566	0566	0566	0566	0566	0566	0566	0566	0566	0566		
0 mg/L	0025	0007	0006	0001	0002	0009	0000	0002	0003	0007	0000	0005	0004	0004	0008	0005	0009	0002	0001	0006	0002	0000	0004	0002		
ANIMAL ID	0002	0001	0001	0004	0005	0000	0001	0006	0000	0003	0004	0006	0004	0001	0004	0000	0002	0003	0001	0003	0004	0006	0006	0005	0000	

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrous Histiocytoma																									
Mesentery																									
Oral Mucosa	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Carcinoma											X														
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Adenoma																									
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Papilloma																									

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

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

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FISCHER 344-TACONIC RATS MALE	DAY ON TEST																								males (cont...)
	0383	0477	0537	0544	0556	0558	0558	0558	0558	0558	0558	0558	0558	0558	0558	0558	0558	0558	0558	0558	0558	0558	0558	0558	
0 mg/L	00025	00077	00077	00044	00012	00089	00002	00033	00077	00000	00055	00044	00044	00088	00055	00099	00022	00033	00011	00033	00044	00066	00022	00066	
ANIMAL ID	00025	00077	00077	00044	00012	00089	00002	00033	00077	00000	00055	00044	00044	00088	00055	00099	00022	00033	00011	00033	00044	00066	00022	00066	

Stomach, Glandular

+ +

Tongue

+ +

Tooth

+

CARDIOVASCULAR SYSTEM

Blood Vessel

+ +

Heart

+ +

ENDOCRINE SYSTEM

Adrenal Cortex

+ +

Adenoma

Adrenal Medulla

+ +

Pheochromocytoma Benign

X

X

Bilateral, Pheochromocytoma Benign

X

Islets, Pancreatic

+ +

Parathyroid Gland

+ + + + M + + + + + + + + + + + + + + + + + +

Pituitary Gland

+ +

Pars Distalis, Adenoma

X

X

X

X

X

X

X

X

X

X

Thyroid Gland

+ +

Bilateral, C-cell, Adenoma

X

C-cell, Adenoma

X

X

C-cell, Carcinoma

X

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

M .. Missing tissue
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| FISCHER 344-TACONIC RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | males
(cont...) | | | | |
|-------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------------|--------|---|---|---|
| | 0
3 | 0
4 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | 0
5 | | 0
5 | | | |
| 0 mg/L | 8 | 7 | 3 | 4 | 6 | 6 | 7 | 8 | 8 | 8 | 9 | 0 | 0 | 0 | 1 | 1 | 3 | 4 | 5 | 6 | 6 | 6 | 6 | 7 | 7 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 1 | 1 | 4 | 5 | 0 | 1 | 6 | 0 | 3 | 4 | 6 | 4 | 1 | 4 | 0 | 2 | 3 | 1 | 3 | 4 | 6 | 6 | 5 | 0 |
| | 5 | 7 | 6 | 1 | 2 | 9 | 0 | 2 | 3 | 7 | 0 | 5 | 4 | 4 | 8 | 5 | 9 | 2 | 1 | 6 | 2 | 0 | 6 | 4 | 2 |

Follicular Cell, Adenoma

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | X | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | X |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | X | |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Bilateral, Interstitial Cell, Adenoma | | | | X | | | | | | | X | | X | X | | | X | X | | | X | X | | X |
| Interstitial Cell, Adenoma | | | | | X | | X | | | | | | | X | X | X | | | | | | | | X |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Fibrous Histiocytoma | | | | | | | | | | | + | | | | | | | | | | | | | + |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. 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
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 Lab: BAT

| DAY ON TEST | FISCHER 344-TACONIC RATS MALE | | | | | | | | | | | | | | | | | | | | | | | | 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 |
| 3 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 0 | |
| 8 | 7 | 3 | 4 | 6 | 6 | 7 | 8 | 8 | 8 | 9 | 0 | 0 | 0 | 1 | 1 | 3 | 4 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 0 | |
| 3 | 7 | 7 | 4 | 1 | 8 | 9 | 0 | 8 | 9 | 3 | 2 | 7 | 8 | 0 | 7 | 8 | 4 | 7 | 4 | 4 | 4 | 4 | 4 | 1 | 4 | 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 | 0 | 0 | 0 | |
| 2 | 1 | 1 | 4 | 5 | 0 | 1 | 6 | 0 | 3 | 4 | 6 | 4 | 1 | 4 | 0 | 2 | 3 | 1 | 3 | 4 | 6 | 6 | 5 | 0 | 0 | | |
| 5 | 7 | 6 | 1 | 2 | 9 | 0 | 2 | 3 | 7 | 0 | 5 | 4 | 4 | 8 | 5 | 9 | 2 | 1 | 6 | 2 | 0 | 6 | 4 | 2 | 0 | males
(cont...) | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Carcinoma, Metastatic, Harderian Gland | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fibrous Histiocytoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Ear | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Neural Crest Tumor | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Zymbal's Gland | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | +
X |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lipoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

SYSTEMIC LESIONS

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
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| FISCHER 344-TACONIC RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|----------|
| | 0 | 0 | 0 | 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 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| 0 mg/L | 7 | 8 | 8 | 8 | 8 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 0 | 5 | 0 | 3 | 1 | 0 | 0 | 0 | 1 | 1 | 3 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 6 | | |
| | 5 | 4 | 3 | 6 | 8 | 2 | 1 | 7 | 8 | 3 | 5 | 9 | 8 | 6 | 7 | 8 | 0 | 1 | 3 | 3 | 6 | 7 | 4 | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Fibrous Histiocytoma | | | | | | X | | | | | | | | | | | | | | | | | | 1 |
| Mesentery | | | | | | | + | | | | | | | | + | + | | | | + | + | | | 7 |
| Oral Mucosa | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Acinus, Adenoma | | | | | | | | | | | | | | | | | | | | | | X | | 1 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | X | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
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|------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|
| | 0678 | 0678 | 0688 | 0688 | 0688 | 0719 | 0726 | 0726 | 0726 | 0726 | 0726 | 0726 | 0726 | 0726 | 0726 | 0726 | 0726 | 0726 | 0726 | 0726 | 0726 | 0726 | 0726 | | | | |
| 0 mg/L | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
| | 00045 | 00043 | 00003 | 00008 | 00011 | 00002 | 00001 | 00007 | 00008 | 00003 | 00005 | 00009 | 00008 | 00006 | 00007 | 00008 | 00000 | 00001 | 00003 | 00003 | 00004 | 00004 | 00004 | 00006 | | 00001 | 00003 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Tongue | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Tooth | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adenoma | | | | | | | | | X | | | | | | | | | | X | | | | | | | | 2 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Pheochromocytoma Benign | | | X | X | | | | | | | X | X | | | | | | X | X | | | | | | | | 8 |
| Bilateral, Pheochromocytoma Benign | | | | | | | | | X | | | | | | | | | | | | | | | | | | 2 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Pars Distalis, Adenoma | X | X | X | X | X | | X | X | | | X | X | | X | X | X | | X | X | | | X | X | | | | 26 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Bilateral, C-cell, Adenoma | | | X | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| C-cell, Adenoma | | | | | | | | | | | | X | | | | | X | | X | | | | | | | | 5 |
| C-cell, Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

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

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

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| FISCHER 344-TACONIC RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| | 0678 | 0668 | 0668 | 0668 | 0668 | 0671 | 0672 | 0672 | 0672 | 0672 | 0672 | 0672 | 0672 | 0672 | 0672 | 0672 | 0672 | 0672 | 0672 | 0672 | 0672 | 0672 | 0672 | 0672 | |
| 0 mg/L | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 1 |
| ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 1 |
| | 40 | 05 | 00 | 03 | 01 | 00 | 00 | 00 | 01 | 01 | 03 | 01 | 02 | 02 | 02 | 03 | 03 | 03 | 04 | 04 | 04 | 06 | 06 | 06 | 1 |
| | 54 | 03 | 06 | 08 | 02 | 01 | 07 | 08 | 03 | 05 | 09 | 08 | 06 | 07 | 08 | 00 | 01 | 03 | 03 | 06 | 07 | 01 | 03 | 04 | 1 |

Follicular Cell, Adenoma

X

1

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adenoma | | | | | | | | | | | | | | | | | | | X | | | | | | 2 |
| Carcinoma | | | X | | | | | | | | | | | | | | | | | | | | | | 2 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Bilateral, Interstitial Cell, Adenoma | X | | | X | X | | X | | X | | X | X | X | X | X | X | X | | X | | X | X | X | X | 25 |
| Interstitial Cell, Adenoma | | X | | | | | | | X | | X | | | | | | | | | | | | | | 9 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymph Node | | | | | | + | | | + | + | | | | | | | | | | | | | | | 5 |
| Mediastinal, Fibrous Histiocytoma | | | | | X | | | | | | | | | | | | | | | | | | | | 1 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

* .. 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: 96014 - 05
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CAS Number: 71133-14-7

Date Report Requested: 03/05/2013

Time Report Requested: 08:02:51

First Dose M/F: 10/26/06 / 10/27/06

Lab: BAT

| FISCHER 344-TACONIC RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|--|
| | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | | | |
| 0 mg/L | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
| | 0045 | 0045 | 0045 | 0045 | 0045 | 0045 | 0045 | 0045 | 0045 | 0045 | 0045 | 0045 | 0045 | 0045 | 0045 | 0045 | 0045 | 0045 | 0045 | 0045 | 0045 | 0045 | 0045 | 0045 | | 0045 | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Thymus | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Keratoacanthoma | | | | X | | | | | | | | | X | | | | | | | | | | | 7 | | | |
| Squamous Cell Papilloma | | X | | | | | X | | | | | | X | | | | | | | | | | | 2 | | | |
| Pinna, Squamous Cell Papilloma | | | | | | | | | | | | | X | | | | | | | | | | | 1 | | | |
| Subcutaneous Tissue, Fibroma | | | | | | | | | X | | | | | | X | | | | | | | | | 4 | | | |
| Subcutaneous Tissue, Fibrosarcoma | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Subcutaneous Tissue, Fibrous Histiocytoma | | | | | | X | | | | | | | | | | | | | | | | | | 1 | | | |
| Subcutaneous Tissue, Lipoma | | | | | | | | | | | | | | | | | | | X | | | | | 1 | | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Osteoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Skeletal Muscle | | | | | | | + | | | | | | | + | + | | | | | + | | | | 4 | | | |
| Fibrous Histiocytoma | | | | | | | X | | | | | | | | | | | | | | | | | 1 | | | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Fibrous Histiocytoma | | | | | | | X | | | | | | | | | | | | | | | | | 1 | | | |
| Meninges, Granular Cell Tumor Benign | X | | | | | | X | | | | | | | | | | | | | | | | | 2 | | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

Experiment Number: 96014 - 05
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Lab: BAT

| FISCHER 344-TACONIC RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|------|------|--|
| | 0678 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | | | | | | |
| 0 mg/L | 0045 | 0043 | 0006 | 0008 | 0003 | 0007 | 0009 | 0002 | 0001 | 0007 | 0008 | 0003 | 0005 | 0009 | 0008 | 0006 | 0007 | 0008 | 0000 | 0001 | 0003 | 0003 | 0004 | 0004 | 0006 | 0007 | 0001 | 0003 | 0004 | |
| | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | X | | | | | | | | | | X | | | | | | | 3 | |
| Carcinoma, Metastatic, Harderian Gland | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Fibrous Histiocytoma | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | | X | | | | | | 1 | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Neural Crest Tumor | | | | | | | | | | | | | | | | | | | | | | | | | | | X | | 1 | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Carcinoma | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Zymbal's Gland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Lipoma | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | 1 | |
| Renal Tubule, Adenoma | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
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M .. Missing tissue
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Time Report Requested: 08:02:51

First Dose M/F: 10/26/06 / 10/27/06

Lab: BAT

| FISCHER 344-TACONIC RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | 0678 | |
| 0 mg/L | 0045 | 0043 | 0006 | 0008 | 0001 | 0002 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 50 |
| | 0045 | 0043 | 0006 | 0008 | 0001 | 0002 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 0006 | 15 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Leukemia Mononuclear | | | | | | X | | X | X | X | | | | | | | | | | | X | X | | | 15 |
| Mesothelioma Malignant | | | | X | | | | | | | | | | | | | | | | | | | | | 1 |

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

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| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | males
(cont...) | | | |
|--------------------------------------|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|---|---|--|
| FISCHER 344-TACONIC RATS MALE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | |
| | | 1 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| | | 1 | 0 | 0 | 1 | 2 | 3 | 3 | 5 | 9 | 9 | 0 | 0 | 0 | 2 | 3 | 3 | 4 | 6 | 7 | 8 | 8 | 8 | 9 | |
| | | 7 | 9 | 9 | 6 | 6 | 0 | 3 | 8 | 5 | 7 | 3 | 7 | 9 | 9 | 5 | 8 | 4 | 7 | 4 | 0 | 5 | 7 | 8 | |
| 250 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 | | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | | 3 | 3 | 2 | 5 | 3 | 3 | 1 | 4 | 0 | 3 | 5 | 4 | 4 | 6 | 0 | 0 | 2 | 2 | 2 | 5 | 2 | 6 | 1 | |
| | 2 | 7 | 1 | 2 | 4 | 1 | 6 | 0 | 3 | 6 | 5 | 6 | 1 | 2 | 5 | 4 | 3 | 7 | 0 | 1 | 4 | 3 | 8 | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hepatocellular Adenoma | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | |
| Oral Mucosa | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Tongue | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with tumor
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Lab: BAT

| FISCHER 344-TACONIC RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--------------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 250 mg/L | 1 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| | 1 | 0 | 0 | 1 | 2 | 3 | 3 | 5 | 9 | 9 | 0 | 0 | 0 | 2 | 3 | 3 | 4 | 6 | 7 | 8 | 8 | 8 | 9 | | |
| | 7 | 9 | 9 | 6 | 6 | 0 | 3 | 8 | 5 | 7 | 3 | 7 | 9 | 9 | 5 | 8 | 4 | 7 | 4 | 0 | 5 | 7 | 8 | | |
| | 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 | | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | 3 | 3 | 2 | 5 | 3 | 3 | 1 | 4 | 0 | 3 | 5 | 4 | 4 | 6 | 0 | 0 | 2 | 2 | 2 | 5 | 2 | 6 | 1 | | |
| | 2 | 7 | 1 | 2 | 4 | 1 | 6 | 0 | 3 | 6 | 5 | 6 | 1 | 2 | 5 | 4 | 3 | 7 | 0 | 1 | 4 | 3 | 8 | | |

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex
Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adrenal Medulla
Pheochromocytoma Benign | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pheochromocytoma Malignant | | | | | | | | | | | | | | | | | | | | | X | | X |
| Bilateral, Carcinoma, Metastatic, Thyroid Gland | | | | | | | | | | | | X | | | | | | | | | | | |
| Bilateral, Pheochromocytoma Benign | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic
Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pituitary Gland
Pars Distalis, Adenoma | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Carcinoma | | | | X | | X | X | | | X | | X | X | | X | | X | X | X | X | | X | X |
| Thyroid Gland
C-cell, Adenoma | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| C-cell, Carcinoma | | | | | | | | | | | X | | | | | | | | | | | X | |
| Follicular Cell, Adenoma | | | | | | | | | | | | | | | | | | | | | | X | |

GENERAL BODY SYSTEM

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

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

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 03/05/2013

Time Report Requested: 08:02:51

First Dose M/F: 10/26/06 / 10/27/06

Lab: BAT

| FISCHER 344-TACONIC RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | | | | |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------------|---|---|---|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | | |
| 250 mg/L | 1 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 0 | | | |
| | 1 | 0 | 0 | 1 | 2 | 3 | 3 | 5 | 9 | 9 | 0 | 0 | 0 | 2 | 3 | 3 | 4 | 6 | 7 | 8 | 8 | 8 | 8 | 0 | | |
| | 7 | 9 | 9 | 6 | 6 | 0 | 3 | 8 | 5 | 7 | 3 | 7 | 9 | 9 | 5 | 8 | 4 | 7 | 4 | 0 | 5 | 7 | 8 | 8 | 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 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | |
| | 3 | 3 | 2 | 5 | 3 | 3 | 1 | 4 | 0 | 3 | 5 | 4 | 4 | 6 | 0 | 0 | 2 | 2 | 2 | 5 | 2 | 6 | 1 | 4 | 0 | |
| | 2 | 7 | 1 | 2 | 4 | 1 | 6 | 0 | 3 | 6 | 5 | 6 | 1 | 2 | 5 | 4 | 3 | 7 | 0 | 1 | 4 | 3 | 8 | 8 | 0 | |

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | |
| Osteosarcoma | | | | X | | | | | | | | | | | | | | | | | | | | |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Bilateral, Interstitial Cell, Adenoma | | | | | X | | | | | | X | | | | | | X | | | | X | | X | |
| Interstitial Cell, Adenoma | | | | | | | | | | | | | | | X | | | | X | | | X | X | |

HEMATOPOIETIC SYSTEM

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

* .. 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: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| FISCHER 344-TACONIC RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(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 | | |
| 250 mg/L | 1 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 0 | |
| | 1 | 0 | 0 | 1 | 2 | 3 | 3 | 5 | 9 | 9 | 0 | 0 | 0 | 2 | 3 | 3 | 4 | 6 | 7 | 8 | 8 | 8 | 8 | 9 | 0 | |
| | 7 | 9 | 9 | 6 | 6 | 0 | 3 | 8 | 5 | 7 | 3 | 7 | 9 | 9 | 5 | 8 | 4 | 7 | 4 | 0 | 5 | 7 | 8 | 1 | 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 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | |
| | 3 | 3 | 2 | 5 | 3 | 3 | 1 | 4 | 0 | 3 | 5 | 4 | 4 | 6 | 0 | 0 | 2 | 2 | 2 | 5 | 2 | 6 | 1 | 4 | 0 | |
| | 2 | 7 | 1 | 2 | 4 | 1 | 6 | 0 | 3 | 6 | 5 | 6 | 1 | 2 | 5 | 4 | 3 | 7 | 0 | 1 | 4 | 3 | 8 | 8 | 0 | |

Thymus + + + + + + + + M + + + + M + + + M + + + + + + +

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Mammary Gland Fibroadenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Keratoacanthoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sebaceous Gland, Adenoma | | | | X | | | | | | | | | | | | | | | | | | | | | |
| Subcutaneous Tissue, Fibroma | | | | | | | | | X | | | | | | | | X | | | | | | | | |
| Subcutaneous Tissue, Fibroma, Multiple | | | | | | | | | | | | | | | | X | | | | | | | | | |
| Subcutaneous Tissue, Schwannoma Malignant | | | | | | | | | | | | | | | | X | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

Bone +

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|
| Brain Glioma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | | + |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | | + |

RESPIRATORY SYSTEM

Lung Alveolar/Bronchiolar Adenoma +

* .. 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: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| FISCHER 344-TACONIC RATS MALE

250 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--------------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 1 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| 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 | | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | 3 | 3 | 2 | 5 | 3 | 3 | 1 | 4 | 0 | 3 | 5 | 4 | 4 | 6 | 0 | 0 | 2 | 2 | 2 | 5 | 2 | 6 | 1 | | |
| | 2 | 7 | 1 | 2 | 4 | 1 | 6 | 0 | 3 | 6 | 5 | 6 | 1 | 2 | 5 | 4 | 3 | 7 | 0 | 1 | 4 | 3 | 8 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Carcinoma, Metastatic, Thyroid Gland | X | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Zymbal's Gland Carcinoma | | + | | | | | | | | | | | | | | | | | | | | | X |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|--|---|
| Multiple Organ Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | X | X | | | | | X | | | X |
| Mesothelioma Malignant | | X | | X | | | | X | | | | | | | X | X | X | X | | | 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

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| | | 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 |
|--------------------------------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|---|---|---|
| DAY ON TEST | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| FISCHER 344-TACONIC RATS MALE | | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 250 mg/L | 2 | 6 | 9 | 2 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 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 | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 4 | 2 | 1 | 6 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 5 | 5 | 5 | 0 | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 5 | 5 | 6 | |
| | | 2 | 8 | 7 | 1 | 5 | 6 | 9 | 0 | 3 | 5 | 9 | 0 | 3 | 4 | 6 | 3 | 4 | 5 | 9 | 2 | 8 | 9 | 6 | 7 | 0 | |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| Blood Vessel | + | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Heart | + | | | | | | | | | | | | | | | | | | | | | | | 50 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| Adrenal Cortex | + | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Carcinoma | X | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Adrenal Medulla | + | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Pheochromocytoma Benign | X | | | | | | | | | | | | | | | | | | | | | | | 7 |
| Pheochromocytoma Malignant | X | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Bilateral, Carcinoma, Metastatic, Thyroid Gland | X | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Bilateral, Pheochromocytoma Benign | X | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Islets, Pancreatic | + | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Adenoma | X | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Parathyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | 48 |
| Pituitary Gland | + | | | | | | | | | | | | | | | | | | | | | | | 49 |
| Pars Distalis, Adenoma | X | | | | | | | | | | | | | | | | | | | | | | | 29 |
| Pars Distalis, Carcinoma | X | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Thyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | 50 |
| C-cell, Adenoma | X | | | | | | | | | | | | | | | | | | | | | | | 9 |
| C-cell, Carcinoma | X | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Follicular Cell, Adenoma | X | | | | | | | | | | | | | | | | | | | | | | | 3 |

GENERAL BODY SYSTEM

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

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

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| FISCHER 344-TACONIC RATS MALE
250 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|
| | 0
7
0
2 | 0
7
1
6 | 0
7
1
9 | 0
7
2
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6 | | |
| ANIMAL ID | 0
0
1
4
2 | 0
0
1
2
8 | 0
0
1
1
7 | 0
0
1
6
1 | 0
0
1
2
5 | 0
0
1
2
6 | 0
0
1
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9 | 0
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1
3
0 | 0
0
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3
3 | 0
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5 | 0
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4
9 | 0
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0 | 0
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3 | 0
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4 | 0
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6 | 0
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3 | 0
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4 | 0
0
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5 | 0
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9 | 0
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2 | 0
0
1
3
8 | 0
0
1
5
9 | 0
0
1
5
6 | 0
0
1
5
7 | |

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Bilateral, Carcinoma | | | | | | | | | | | | | X | | | | | | | | | | | | 1 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adenoma | | | | | | | | | | | X | | | | | | | | | | | | | | 1 |
| Osteosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Bilateral, Interstitial Cell, Adenoma | | X | X | X | X | | X | X | X | | | X | X | X | | X | X | X | X | | X | | | | 20 |
| Interstitial Cell, Adenoma | | | | | | | | | | X | X | | | | X | X | | | | | | X | X | X | 11 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

* .. 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: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| FISCHER 344-TACONIC RATS MALE
250 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| | 0
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2 | 0
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0
6 | 0
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1
9 | 0
7
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2 | 0
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| ANIMAL ID | 0
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8 | 0
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6 | 0
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9 | 0
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5 | 0
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4 | 0
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7 | 0
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0 | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Fibroadenoma | | | | X | | | | | | | | X | | | | | | | | | | | | | 2 | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Keratoacanthoma | | X | | | | | | | | X | | X | | | | | | | | | | | | | 3 | |
| Squamous Cell Carcinoma | | | X | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Squamous Cell Papilloma | | | | | | X | | | | | | | | | | | | | | | | | | | 1 | |
| Sebaceous Gland, Adenoma | | | | | | | X | | | | | | | | | | | | | | | | | | 2 | |
| Subcutaneous Tissue, Fibroma | | | X | | | | | | | X | | | | | | | | X | | | | | | | 5 | |
| Subcutaneous Tissue, Fibroma, Multiple | | | | | | | | | | | X | | | | | | | | | | | | | | 1 | |
| Subcutaneous Tissue, Schwannoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Glioma | | | | | | | X | | | | | | | | | | | | | | | | | | 1 | |
| Peripheral Nerve | | | + | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Spinal Cord | | | + | | | | | | | | | | | | | | | | | | | | | | 2 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | X | X | | | | | | | | | | | | | | 2 | |

* .. 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: 96014 - 05
 Test Type: CHRONIC
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 Species/Strain: RATS/F344/N Tac

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Lab: BAT

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|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|--|
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6 | 0
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9 | 0
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0 | 0
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3 | 0
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5 | 0
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9 | 0
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1
3
8 | 0
0
1
3
9 | 0
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1
5
6 | 0
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5
7 | | |
| Carcinoma, Metastatic, Thyroid Gland | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Harderian Gland
Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 | |
| Zymbal's Gland
Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | 2
2 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Leukemia Mononuclear | | | | | | | X | X | | | | | X | | | X | X | | X | | | | | 11 | | |
| Mesothelioma Malignant | X | | | | | | | X | | | | | | | | | | | X | | | | X | 12 | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
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Lab: BAT

| FISCHER 344-TACONIC RATS MALE
500 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|--|
| | 0442 | 0443 | 0443 | 0445 | 0445 | 0445 | 0445 | 0446 | 0446 | 0446 | 0446 | 0446 | 0446 | 0446 | 0446 | 0446 | 0446 | 0446 | 0446 | 0446 | 0447 | 0447 | 0447 | 0447 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0002 | | |
| | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 0002 | |
| | 4 | 5 | 9 | 1 | 8 | 8 | 8 | 0 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 7 | 8 | 8 | 8 | 9 | 0 | 0 | 1 | 2 | 0002 | |
| | 2 | 3 | 3 | 3 | 5 | 7 | 7 | 5 | 1 | 8 | 1 | 5 | 6 | 7 | 4 | 4 | 5 | 5 | 8 | 9 | 2 | 2 | 2 | 4 | 0002 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0002 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0002 | | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0002 | | |
| | 4 | 3 | 3 | 5 | 5 | 0 | 3 | 4 | 0 | 2 | 0 | 2 | 4 | 3 | 2 | 5 | 6 | 3 | 3 | 4 | 4 | 1 | 2 | 4 | 0002 | | |
| | 6 | 3 | 9 | 3 | 7 | 8 | 6 | 7 | 5 | 4 | 1 | 2 | 0 | 1 | 9 | 5 | 3 | 0 | 2 | 5 | 8 | 2 | 3 | 4 | 0002 | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + |
| Intestine Large, Colon Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver
Cholangiocarcinoma
Hepatocellular Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | X | | | | | | | | | | | | | | | | |
| | | | | | | | | | | X | | | | | | | | | | | | | | |
| Mesentery | | | | | | | | + | | | + | + | | | | | + | | + | | | | + | |
| Oral Mucosa
Squamous Cell Papilloma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | X | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas
Acinus, Adenoma | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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

M .. Missing tissue
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 Lab: BAT

| FISCHER 344-TACONIC RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|-------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------|--------------------|
| | 0
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| 500 mg/L | 0
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4 | | |

Squamous Cell Papilloma

X

Stomach, Glandular

+ +

Tongue

+ +

Squamous Cell Carcinoma

X

CARDIOVASCULAR SYSTEM

Blood Vessel

+ +

Heart

+ +

ENDOCRINE SYSTEM

Adrenal Cortex

+ +

Adenoma

X

X

Adrenal Medulla

+ +

Pheochromocytoma Benign

X

X

X

Pheochromocytoma Malignant

X

Bilateral, Pheochromocytoma Benign

X

Islets, Pancreatic

+ + + + + + + + + + + M + + + + + + + + + + + +

Adenoma

Parathyroid Gland

+ + + + + M + + M + + + + + M + + + + + + + +

Pituitary Gland

+ +

Pars Distalis, Adenoma

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
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500 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|
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7
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4 |
| ANIMAL ID | 0
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6 | 0
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6 | 0
0
2
4
7 | 0
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5 | 0
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4 | 0
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1 | 0
0
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2 | 0
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2
4
0 | 0
0
2
3
1 | 0
0
2
2
9 | 0
0
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5
5 | 0
0
2
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3 | 0
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3
0 | 0
0
2
4
5 | 0
0
2
3
8 | 0
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4
2 | 0
0
2
4
8 | 0
0
1
2
3 | 0
0
2
4
4 | 0
0
2
4
4 | |
| C-cell, Adenoma | | | | | X | | | X | | | | X | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Preputial Gland
Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | X | | | | | | | | | | | | | | | | | | | | | | X | | X |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Bilateral, Interstitial Cell, Adenoma | | | | X | X | | | | | | | | | | | | | X | | | | | X | | X |
| Interstitial Cell, Adenoma | | | | | | | | X | | | X | X | | | X | X | | X | | | | X | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node
Renal, Hemangiosarcoma | | | | | | | | | | | | | | | + | + | | | | | | + | + | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. 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: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| FISCHER 344-TACONIC RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|-------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------|--------------------|
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4
2 | 0
4
5
3 | 0
4
9
3 | 0
5
1
3 | 0
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5 | 0
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8
7 | 0
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7 | 0
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5 | 0
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8 | 0
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1 | 0
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8 | 0
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2 | 0
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2 | 0
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4 | | |
| 500 mg/L | 0
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3 | 0
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2 | 0
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9 | 0
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0
5
4 | | |

Hemangiosarcoma

Thymus + + + + + + + M + + + + + + + M + + + + + + + +

INTEGUMENTARY SYSTEM

Mammary Gland + + + + + + + M + + + + + + + + + + + + + +
 Fibroadenoma X

Skin +
 Basal Cell Adenoma X X X X X
 Keratoacanthoma X X X X X
 Squamous Cell Carcinoma X X X X X
 Sebaceous Gland, Adenoma X X X X X
 Subcutaneous Tissue, Fibroma X X X X X
 Subcutaneous Tissue, Fibrosarcoma X X X X X
 Subcutaneous Tissue, Lipoma X X X X X

MUSCULOSKELETAL SYSTEM

Bone +
 Skeletal Muscle +
 Fibroma

NERVOUS SYSTEM

Brain +
 Glioma X X X X X
 Oligodendroglioma Nos X X X X X

RESPIRATORY SYSTEM

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

M .. Missing tissue
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 Lab: BAT

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500 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------|
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| ANIMAL ID | 0
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7 | 0
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0 | 0
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5 | 0
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9
8 | 0
0
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1
2 | 0
0
2
2
3 | 0
0
2
4
4 | 0
0
2
4
8 | |
| Lung
Carcinoma, Metastatic, Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Harderian Gland
Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney
Mesenchymal Tumor Malignant
Renal Tubule, Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ
Leukemia Mononuclear
Mesothelioma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | X | | | | | X | | | X | X | X | | | X | | X | | X | X | X | X | | 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

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| FISCHER 344-TACONIC RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|----------|
| | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | | |
| 500 mg/L | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | | |
| ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | | |
| | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | | |
| | 00 | 00 | 00 | 04 | 04 | 05 | 05 | 06 | 06 | 06 | 06 | 00 | 00 | 01 | 01 | 01 | 01 | 01 | 02 | 03 | 03 | 04 | 04 | | |
| | 23 | 27 | 29 | 11 | 12 | 22 | 26 | 11 | 12 | 14 | 15 | 04 | 06 | 03 | 04 | 05 | 06 | 07 | 08 | 08 | 07 | 08 | 03 | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Cecum Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49
1 |
| Intestine Large, Colon Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Liver
Cholangiocarcinoma
Hepatocellular Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1
2 |
| Mesentery | | | | | | | | | + | + | | | | | | | | | | | + | | | 9 |
| Oral Mucosa
Squamous Cell Papilloma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
2 |
| Pancreas
Acinus, Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49
2 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

* .. 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
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|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------------|
| | 07
26 | 07
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26 | | |
| ANIMAL ID | 00
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22 | |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Tongue
Squamous Cell Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex
Adenoma | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
4 |
| Adrenal Medulla
Pheochromocytoma Benign
Pheochromocytoma Malignant
Bilateral, Pheochromocytoma Benign | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
8
2
1 |
| Islets, Pancreatic
Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49
2 |
| Parathyroid Gland | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Pituitary Gland
Pars Distalis, Adenoma | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49
26 |
| Thyroid Gland
Bilateral, C-cell, Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
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 X .. Lesion present
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500 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---|
| | 0
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| ANIMAL ID | 0
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8 | 0
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8 | 0
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7 | 0
0
2
6
8 | |
| C-cell, Adenoma | | X | | | | | | X | X | | | | | X | | | | | | | X | | | | | 8 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Preputial Gland
Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
5 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Bilateral, Interstitial Cell, Adenoma | X | X | | | X | X | X | X | | X | | X | | | | | | | X | X | X | | | X | X | 19 |
| Interstitial Cell, Adenoma | | | | X | | | | | X | | X | | X | | | | | | | | X | X | | | | 12 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymph Node
Renal, Hemangiosarcoma | | | | | | + | + | | + | | | | | | | | | | | | | | | | | 8
1 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |

* .. 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: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| FISCHER 344-TACONIC RATS MALE
500 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
| | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | | |
| ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | | |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Fibroadenoma | | | X | | | | | | | | | | | X | | | | | | | | | | | 3 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Basal Cell Adenoma | | | | | | | | | | | | | | | | | | | | | | | | X | 4 |
| Keratoacanthoma | | | | X | | | | | X | | X | | X | | | | | | | | | | | X | 10 |
| Squamous Cell Carcinoma | | | | | | | | X | | | | | | | | | | | | | | | | | 1 |
| Sebaceous Gland, Adenoma | | | | | | | X | | | | | | | | | | | | | | | | | | 2 |
| Subcutaneous Tissue, Fibroma | X | | | | | | | | X | | X | | | X | X | | X | | | | | | X | 10 | |
| Subcutaneous Tissue, Fibrosarcoma | | | X | | | | | | | | | | | | | | | | | | | | | | 2 |
| Subcutaneous Tissue, Lipoma | | | X | | | | | | | | | | | | | | | | | | | | | | 1 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | + | 2 |
| Fibroma | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Glioma | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Oligodendroglioma Nos | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| FISCHER 344-TACONIC RATS MALE
500 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|----------------|--|
| | 07
26 | 07
26 | 07
26 | 07
26 | 07
26 | 07
26 | 07
26 | 07
26 | 07
26 | 07
26 | 07
26 | 07
26 | 07
26 | 07
26 | 07
26 | 07
26 | 07
26 | 07
26 | 07
26 | 07
26 | 07
26 | 07
26 | 07
26 | | | |
| ANIMAL ID | 0020 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | |
| Lung
Carcinoma, Metastatic, Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Harderian Gland
Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney
Mesenchymal Tumor Malignant
Renal Tubule, Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1
1 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ
Leukemia Mononuclear
Mesothelioma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
15
18 | |

* .. 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: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
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 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| FISCHER 344-TACONIC RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|-------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--|--------------------|
| | 0
3
8
9 | 0
4
3
6 | 0
4
6
7 | 0
4
8
1 | 0
4
9
9 | 0
5
4
8 | 0
5
6
1 | 0
5
7
3 | 0
5
7
5 | 0
5
8
6 | 0
5
8
7 | 0
6
0
2 | 0
6
1
2 | 0
6
2
2 | 0
6
4
4 | 0
6
5
5 | 0
6
6
7 | 0
6
6
4 | 0
6
6
4 | 0
6
6
4 | 0
6
7
4 | 0
6
7
4 | 0
6
8
7 | | |
| 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 | | |
| ANIMAL ID | 0 | 0 | 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 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | |
| 5 | 2 | 4 | 1 | 6 | 2 | 1 | 3 | 6 | 2 | 1 | 2 | 4 | 4 | 2 | 6 | 1 | 1 | 0 | 0 | 1 | 4 | 5 | | | |
| 1 | 3 | 5 | 3 | 1 | 8 | 1 | 0 | 5 | 2 | 6 | 9 | 3 | 2 | 0 | 6 | 4 | 9 | 6 | 5 | 8 | 1 | 3 | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon
Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum
Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver
Hemangioma
Osteosarcoma, Metastatic, Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Mesentery | | | | | | | | | + | | | | + | | + | | | | + | | | + |
| Oral Mucosa
Squamous Cell Papilloma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pancreas
Adenoma, Mixed Cell
Acinus, Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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

M .. Missing tissue
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Experiment Number: 96014 - 05
 Test Type: CHRONIC
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P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
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 CAS Number: 71133-14-7

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 Lab: BAT

| FISCHER 344-TACONIC RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|-------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------|
| | 0
3
8
9 | 0
4
3
6 | 0
4
6
7 | 0
4
8
1 | 0
4
9
9 | 0
5
4
8 | 0
5
6
1 | 0
5
7
3 | 0
5
7
5 | 0
5
8
6 | 0
5
8
7 | 0
6
0
2 | 0
6
1
0 | 0
6
2
1 | 0
6
2
9 | 0
6
4
2 | 0
6
4
6 | 0
6
5
3 | 0
6
5
7 | 0
6
6
4 | 0
6
6
4 | 0
6
6
4 | 0
6
7
4 | 0
6
7
8 | | |
| 1000 mg/L | 0
0
3
5
1 | 0
0
3
2
3 | 0
0
3
4
5 | 0
0
3
1
3 | 0
0
3
6
1 | 0
0
3
2
8 | 0
0
3
1
1 | 0
0
3
3
0 | 0
0
3
6
5 | 0
0
3
2
2 | 0
0
3
1
6 | 0
0
3
2
9 | 0
0
3
4
3 | 0
0
3
4
2 | 0
0
3
4
0 | 0
0
3
6
6 | 0
0
3
1
4 | 0
0
3
0
9 | 0
0
3
0
5 | 0
0
3
3
8 | 0
0
3
3
1 | 0
0
3
3
3 | 0
0
3
5
0 | 0
0
3
1
0 | 0
0
3
4
0 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Tongue
Squamous Cell Carcinoma
Squamous Cell Papilloma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart
Atrium, Endocardium, Schwannoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex
Osteosarcoma, Metastatic, Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adrenal Medulla
Pheochromocytoma Benign
Pheochromocytoma Malignant | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | X | X | + |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | M | + | + | + | + | + | M | + | + |
| Pituitary Gland
Pars Distalis, Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Thyroid Gland
C-cell, Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | X | + | + |

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

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P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 03/05/2013

Time Report Requested: 08:02:51

First Dose M/F: 10/26/06 / 10/27/06

Lab: BAT

| FISCHER 344-TACONIC RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | males
(cont...) | | | | |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|---|---|---|--|
| | 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 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | | |
| | 8 | 3 | 6 | 8 | 9 | 4 | 6 | 7 | 7 | 8 | 8 | 0 | 1 | 2 | 2 | 2 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | | |
| | 9 | 6 | 7 | 1 | 9 | 8 | 1 | 3 | 5 | 6 | 7 | 2 | 0 | 1 | 9 | 9 | 2 | 4 | 3 | 7 | 4 | 4 | 4 | 8 | |
| | 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 | | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | 5 | 2 | 4 | 1 | 6 | 2 | 1 | 3 | 6 | 2 | 1 | 2 | 4 | 4 | 2 | 6 | 1 | 1 | 0 | 0 | 1 | 4 | 5 | | |
| | 1 | 3 | 5 | 3 | 1 | 8 | 1 | 0 | 5 | 2 | 6 | 9 | 3 | 2 | 0 | 6 | 4 | 9 | 6 | 5 | 8 | 1 | 3 | | |

Follicular Cell, Adenoma
 Follicular Cell, Carcinoma

X X

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Preputial Gland
Carcinoma | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Bilateral, Interstitial Cell, Adenoma | | | | | | | | | X | | | | | | | | | | | X | | X | X |
| Interstitial Cell, Adenoma | | | X | X | | X | X | | X | | X | X | | | | X | X | X | | | | | |

HEMATOPOIETIC SYSTEM

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

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

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 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| FISCHER 344-TACONIC RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | males
(cont...) | | | |
|-------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|------------------|------------------|------------------|
| | 0
3
8
9 | 0
4
3
6 | 0
4
6
7 | 0
4
8
1 | 0
4
9
9 | 0
5
4
8 | 0
5
6
1 | 0
5
7
3 | 0
5
7
5 | 0
5
8
6 | 0
5
8
7 | 0
6
0
2 | 0
6
1
0 | 0
6
2
1 | 0
6
2
9 | 0
6
4
2 | 0
6
4
6 | 0
6
5
3 | 0
6
5
7 | 0
6
6
4 | | 0
6
6
4 | 0
6
7
4 | 0
6
7
8 |
| 1000 mg/L | 0
3
5
1 | 0
0
3
2 | 0
0
3
4 | 0
0
3
1 | 0
0
3
6 | 0
0
3
2 | 0
0
3
1 | 0
0
3
3 | 0
0
3
6 | 0
0
3
2 | 0
0
3
1 | 0
0
3
2 | 0
0
3
4 | 0
0
3
4 | 0
0
2
6 | 0
0
3
1 | 0
0
3
1 | 0
0
3
0 | 0
0
3
4 | 0
0
3
4 | 0
0
3
3 | 0
0
3
5 | 0
0
3
1 | 0
0
3
0 |
| ANIMAL ID | 0
3
5
1 | 0
0
3
2 | 0
0
3
4 | 0
0
3
1 | 0
0
3
6 | 0
0
3
2 | 0
0
3
1 | 0
0
3
3 | 0
0
3
6 | 0
0
3
2 | 0
0
3
3 | 0
0
3
1 | 0
0
3
2 | 0
0
3
4 | 0
0
2
6 | 0
0
3
4 | 0
0
3
1 | 0
0
3
0 | 0
0
3
4 | 0
0
3
4 | 0
0
3
3 | 0
0
3
5 | 0
0
3
1 | 0
0
3
0 |

Hemangiosarcoma
 Osteosarcoma, Metastatic, Bone

X

Thymus
 Thymoma Benign

+ + + + + + + + + + + + + + M + + + + + + + +

INTEGUMENTARY SYSTEM

Mammary Gland
 Fibroadenoma

+ +

Skin
 Basal Cell Adenoma
 Basal Cell Carcinoma
 Keratoacanthoma
 Keratoacanthoma, Multiple
 Squamous Cell Papilloma
 Sebaceous Gland, Adenoma
 Subcutaneous Tissue, Fibroma
 Subcutaneous Tissue, Fibroma, Multiple
 Subcutaneous Tissue, Fibrosarcoma
 Subcutaneous Tissue, Fibrosarcoma, Multiple

+
 X
 X X
 X X
 X
 X X X
 X X X
 X
 X

MUSCULOSKELETAL SYSTEM

Bone
 Osteoma
 Osteosarcoma
 Tendon, Fibrosarcoma

+ +

NERVOUS SYSTEM

Brain

+ +

* .. 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: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

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 Lab: BAT

| FISCHER 344-TACONIC RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | | |
|-------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|
| | 0
3
8
9 | 0
4
3
6 | 0
4
6
7 | 0
4
8
1 | 0
4
9
9 | 0
5
4
8 | 0
5
6
1 | 0
5
7
3 | 0
5
8
5 | 0
5
8
6 | 0
6
0
7 | 0
6
1
0 | 0
6
2
1 | 0
6
2
2 | 0
6
2
2 | 0
6
4
4 | 0
6
4
5 | 0
6
5
7 | 0
6
6
4 | 0
6
6
4 | | | 0
6
7
4 | 0
6
7
8 |
| 1000 mg/L | 0
0
3
5
1 | 0
0
3
2
3 | 0
0
3
4
5 | 0
0
3
1
3 | 0
0
3
6
1 | 0
0
3
2
8 | 0
0
3
1
1 | 0
0
3
6
0 | 0
0
3
2
5 | 0
0
3
2
2 | 0
0
3
1
6 | 0
0
3
2
9 | 0
0
3
4
3 | 0
0
3
4
2 | 0
0
3
6
0 | 0
0
3
1
4 | 0
0
3
1
9 | 0
0
3
0
5 | 0
0
3
3
8 | 0
0
3
3
1 | 0
0
3
4
3 | 0
0
3
5
0 | 0
0
3
1
0 | |

Glioma
 Oligodendroglioma Nos

X
 X

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | | | | | | | | | | | | | | | | |
| Osteosarcoma, Metastatic, Bone | | | | | | | | | | | | | | | | | | | | | | | |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | X | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Iris, Melanoma Malignant | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Zymbal's Gland | | | | | | | | | | | | | | | | | | | | | | | |
| Carcinoma | | | | | + | + | | | | | | | | | | | | | | | | | |
| | | | | | X | X | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Renal Tubule, Adenoma | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SYSTEMIC LESIONS

* .. 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: 96014 - 05
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 Lab: BAT

| FISCHER 344-TACONIC RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|-------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|
| | 0389 | 0466 | 0467 | 0481 | 0499 | 0548 | 0551 | 0555 | 0555 | 0555 | 0555 | 0602 | 0606 | 0606 | 0606 | 0606 | 0606 | 0606 | 0606 | 0606 | 0606 | 0606 | 0606 | 0606 | |
| 1000 mg/L | 0051 | 0033 | 0043 | 0016 | 0001 | 0008 | 0001 | 0000 | 0005 | 0002 | 0006 | 0009 | 0003 | 0002 | 0000 | 0006 | 0004 | 0009 | 0006 | 0005 | 0008 | 0001 | 0003 | 0000 | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Mononuclear | | | | X | | | X | | | | | | X | | | X | | | | | | X | | | |
| Mesothelioma Malignant | X | X | X | X | | | X | X | X | X | X | X | X | X | | | X | X | X | | X | X | X | X | |

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

M .. Missing tissue
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Date Report Requested: 03/05/2013

Time Report Requested: 08:02:51

First Dose M/F: 10/26/06 / 10/27/06

Lab: BAT

| 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 |
|-------------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|
| FISCHER 344-TACONIC RATS MALE | | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1000 mg/L | | 7 | 7 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| ANIMAL ID | | 8 | 8 | 5 | 5 | 7 | 0 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | |
| | | 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 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 5 | 5 | 1 | 5 | 3 | 5 | 1 | 1 | 3 | 3 | 3 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 0 | 2 | 2 | 3 |
| | | 5 | 7 | 2 | 2 | 5 | 4 | 5 | 7 | 3 | 4 | 6 | 9 | 0 | 8 | 9 | 0 | 2 | 3 | 4 | 4 | 1 | 4 | 9 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Colon
Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + | 50
1 |
| Intestine Large, Rectum
Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | + | 50
1 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Liver
Hemangioma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 |
| Osteosarcoma, Metastatic, Bone | X | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Mesentery | + | + | | + | | | | + | | | | | | | | | | | | | | + | | 10 |
| Oral Mucosa
Squamous Cell Papilloma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 |
| Pancreas
Adenoma, Mixed Cell | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 |
| Acinus, Adenoma | | | | | X | | | | | | | | | | | | | | | | | X | | 1 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

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

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

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Lab: BAT

| FISCHER 344-TACONIC RATS MALE
1000 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----|
| | 06777777777777777777 | 06777777777777777777 | 06777777777777777777 | 06777777777777777777 | 06777777777777777777 | 06777777777777777777 | 06777777777777777777 | 06777777777777777777 | 06777777777777777777 | 06777777777777777777 | 06777777777777777777 | 06777777777777777777 | 06777777777777777777 | 06777777777777777777 | 06777777777777777777 | 06777777777777777777 | 06777777777777777777 | 06777777777777777777 | 06777777777777777777 | 06777777777777777777 | | |
| ANIMAL ID | 00000000000000000000 | 00000000000000000000 | 00000000000000000000 | 00000000000000000000 | 00000000000000000000 | 00000000000000000000 | 00000000000000000000 | 00000000000000000000 | 00000000000000000000 | 00000000000000000000 | 00000000000000000000 | 00000000000000000000 | 00000000000000000000 | 00000000000000000000 | 00000000000000000000 | 00000000000000000000 | 00000000000000000000 | 00000000000000000000 | 00000000000000000000 | 00000000000000000000 | 00000000000000000000 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Tongue | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | 1 |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | X | | | | | 1 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Atrium, Endocardium, Schwannoma Malignant | | | | | | | | | | | | | | | | | X | | | | | 1 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Osteosarcoma, Metastatic, Bone | X | | | | | | | | | | | | | | | | | | | | | 1 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Pheochromocytoma Benign | | | | | | X | X | X | | | | X | X | | X | | | | | | X | 11 |
| Pheochromocytoma Malignant | | | | | | | | | | | | | | | X | | | | | | | 1 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Parathyroid Gland | + | + | + | + | + | + | M | + | M | + | M | + | + | + | + | + | + | + | + | + | + | 44 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Pars Distalis, Adenoma | | | X | | X | X | | | X | X | | | | X | | X | | X | X | X | X | 20 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| C-cell, Adenoma | X | | | X | | | | | X | X | | | | X | | | | | | | X | 8 |

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

M .. Missing tissue
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1000 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|------|
| | 0678 | 0678 | 0705 | 0705 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | | 0707 |
| ANIMAL ID | 00357 | 00357 | 00357 | 00357 | 00357 | 00357 | 00357 | 00357 | 00357 | 00357 | 00357 | 00357 | 00357 | 00357 | 00357 | 00357 | 00357 | 00357 | 00357 | 00357 | 00357 | |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | 1 |
| Osteosarcoma, Metastatic, Bone | X | | | | | | | | | | | | | | | | | | | | | 1 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Thymoma Benign | | | X | | | | | | | | | | | | | | | | | X | | 2 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Fibroadenoma | | | | | | | | | | | | | | | X | | | | | | | 1 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Basal Cell Adenoma | | | | | | | | | | | | | | X | | X | | | | | X | 4 |
| Basal Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | 1 |
| Keratoacanthoma | | X | | | | X | | | X | | | | X | | | X | | X | | | X | 12 |
| Keratoacanthoma, Multiple | | | | | X | | | | X | | | | | | | | | | | | | 3 |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | 1 |
| Sebaceous Gland, Adenoma | | | | | | | | | | | | | | | | | | | | | | 2 |
| Subcutaneous Tissue, Fibroma | | | | | | X | | X | | X | X | | X | | | | | | X | | | 13 |
| Subcutaneous Tissue, Fibroma, Multiple | | | | | | | | | | | | | | | | | | | | | X | 2 |
| Subcutaneous Tissue, Fibrosarcoma | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Subcutaneous Tissue, Fibrosarcoma, Multiple | | | | | | | | | | | | | | | | | | | | | | 1 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Osteoma | | | | | | | | | | | | | | | | | | | X | | | 1 |
| Osteosarcoma | X | | | | | | | | | | X | | | | | | | | | | | 2 |
| Tendon, Fibrosarcoma | | | | | | | | | | | | | | | | | | | | X | | 1 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

* .. 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: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 03/05/2013

Time Report Requested: 08:02:51

First Dose M/F: 10/26/06 / 10/27/06

Lab: BAT

| 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 |
|--------------------------------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|
| FISCHER 344-TACONIC RATS MALE | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | 7 | 7 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1000 mg/L | 8 | 8 | 5 | 5 | 7 | 0 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 |
| | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 5 | 5 | 1 | 5 | 3 | 5 | 1 | 1 | 3 | 3 | 3 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 0 | 2 | 2 | 3 | 4 |
| | 5 | 7 | 2 | 2 | 5 | 4 | 5 | 7 | 3 | 4 | 6 | 9 | 0 | 8 | 9 | 0 | 2 | 3 | 4 | 4 | 1 | 4 | 9 |
| | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |

| | | |
|-----------------------|---|----------|
| Glioma | X | 2 |
| Oligodendroglioma Nos | | 1 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | | | | | | | | X | | 1 |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | | | | | | | | | | | | | | X | | 1 |
| Osteosarcoma, Metastatic, Bone | X | | | | | | | | | | | | | | | | | | | | | | 1 |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Iris, Melanoma Malignant | | | | | | | | | | | | | | | | | | | | | X | | 1 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Zymbal's Gland | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | 2 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Renal Tubule, Adenoma | | | | | | | | | | | | | | | | | | | | | X | | 1 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

SYSTEMIC LESIONS

* .. 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: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| FISCHER 344-TACONIC RATS
FEMALE
0 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 0300 | 0400 | 0500 | 0600 | 0605 | 0610 | 0615 | 0620 | 0625 | 0630 | 0635 | 0640 | 0645 | 0650 | 0655 | 0700 | 0705 | 0710 | 0715 | 0720 | 0725 | 0730 | 0735 | 0740 | 0745 | | | 0750 | 0755 | 0800 | 0805 | 0810 | 0815 | 0820 | 0825 | 0830 | 0835 | 0840 | 0845 | 0850 | 0855 | 0900 | 0905 | 0910 | 0915 | 0920 | 0925 | 0930 | 0935 | 0940 | 0945 | 0950 | 0955 | 1000 | 1005 | 1010 | 1015 | 1020 | 1025 | 1030 | 1035 | 1040 | 1045 | 1050 | 1055 | 1100 | 1105 | 1110 | 1115 | 1120 | 1125 | 1130 | 1135 | 1140 | 1145 | 1150 | 1155 | 1200 | 1205 | 1210 | 1215 | 1220 | 1225 | 1230 | 1235 | 1240 | 1245 | 1250 | 1255 | 1300 | 1305 | 1310 | 1315 | 1320 | 1325 | 1330 | 1335 | 1340 | 1345 | 1350 | 1355 | 1400 | 1405 | 1410 | 1415 | 1420 | 1425 | 1430 | 1435 | 1440 | 1445 | 1450 | 1455 | 1500 | 1505 | 1510 | 1515 | 1520 | 1525 | 1530 | 1535 | 1540 | 1545 | 1550 | 1555 | 1600 | 1605 | 1610 | 1615 | 1620 | 1625 | 1630 | 1635 | 1640 | 1645 | 1650 | 1655 | 1700 | 1705 | 1710 | 1715 | 1720 | 1725 | 1730 | 1735 | 1740 | 1745 | 1750 | 1755 | 1800 | 1805 | 1810 | 1815 | 1820 | 1825 | 1830 | 1835 | 1840 | 1845 | 1850 | 1855 | 1900 | 1905 | 1910 | 1915 | 1920 | 1925 | 1930 | 1935 | 1940 | 1945 | 1950 | 1955 | 2000 | 2005 | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | 2040 | 2045 | 2050 | 2055 | 2100 | 2105 | 2110 | 2115 | 2120 | 2125 | 2130 | 2135 | 2140 | 2145 | 2150 | 2155 | 2200 | 2205 | 2210 | 2215 | 2220 | 2225 | 2230 | 2235 | 2240 | 2245 | 2250 | 2255 | 2300 | 2305 | 2310 | 2315 | 2320 | 2325 | 2330 | 2335 | 2340 | 2345 | 2350 | 2355 | 2400 | 2405 | 2410 | 2415 | 2420 | 2425 | 2430 | 2435 | 2440 | 2445 | 2450 | 2455 | 2500 | 2505 | 2510 | 2515 | 2520 | 2525 | 2530 | 2535 | 2540 | 2545 | 2550 | 2555 | 2600 | 2605 | 2610 | 2615 | 2620 | 2625 | 2630 | 2635 | 2640 | 2645 | 2650 | 2655 | 2700 | 2705 | 2710 | 2715 | 2720 | 2725 | 2730 | 2735 | 2740 | 2745 | 2750 | 2755 | 2800 | 2805 | 2810 | 2815 | 2820 | 2825 | 2830 | 2835 | 2840 | 2845 | 2850 | 2855 | 2900 | 2905 | 2910 | 2915 | 2920 | 2925 | 2930 | 2935 | 2940 | 2945 | 2950 | 2955 | 3000 | 3005 | 3010 | 3015 | 3020 | 3025 | 3030 | 3035 | 3040 | 3045 | 3050 | 3055 | 3100 | 3105 | 3110 | 3115 | 3120 | 3125 | 3130 | 3135 | 3140 | 3145 | 3150 | 3155 | 3200 | 3205 | 3210 | 3215 | 3220 | 3225 | 3230 | 3235 | 3240 | 3245 | 3250 | 3255 | 3300 | 3305 | 3310 | 3315 | 3320 | 3325 | 3330 | 3335 | 3340 | 3345 | 3350 | 3355 | 3400 | 3405 | 3410 | 3415 | 3420 | 3425 | 3430 | 3435 | 3440 | 3445 | 3450 | 3455 | 3500 | 3505 | 3510 | 3515 | 3520 | 3525 | 3530 | 3535 | 3540 | 3545 | 3550 | 3555 | 3600 | 3605 | 3610 | 3615 | 3620 | 3625 | 3630 | 3635 | 3640 | 3645 | 3650 | 3655 | 3700 | 3705 | 3710 | 3715 | 3720 | 3725 | 3730 | 3735 | 3740 | 3745 | 3750 | 3755 | 3800 | 3805 | 3810 | 3815 | 3820 | 3825 | 3830 | 3835 | 3840 | 3845 | 3850 | 3855 | 3900 | 3905 | 3910 | 3915 | 3920 | 3925 | 3930 | 3935 | 3940 | 3945 | 3950 | 3955 | 4000 | 4005 | 4010 | 4015 | 4020 | 4025 | 4030 | 4035 | 4040 | 4045 | 4050 | 4055 | 4100 | 4105 | 4110 | 4115 | 4120 | 4125 | 4130 | 4135 | 4140 | 4145 | 4150 | 4155 | 4200 | 4205 | 4210 | 4215 | 4220 | 4225 | 4230 | 4235 | 4240 | 4245 | 4250 | 4255 | 4300 | 4305 | 4310 | 4315 | 4320 | 4325 | 4330 | 4335 | 4340 | 4345 | 4350 | 4355 | 4400 | 4405 | 4410 | 4415 | 4420 | 4425 | 4430 | 4435 | 4440 | 4445 | 4450 | 4455 | 4500 | 4505 | 4510 | 4515 | 4520 | 4525 | 4530 | 4535 | 4540 | 4545 | 4550 | 4555 | 4600 | 4605 | 4610 | 4615 | 4620 | 4625 | 4630 | 4635 | 4640 | 4645 | 4650 | 4655 | 4700 | 4705 | 4710 | 4715 | 4720 | 4725 | 4730 | 4735 | 4740 | 4745 | 4750 | 4755 | 4800 | 4805 | 4810 | 4815 | 4820 | 4825 | 4830 | 4835 | 4840 | 4845 | 4850 | 4855 | 4900 | 4905 | 4910 | 4915 | 4920 | 4925 | 4930 | 4935 | 4940 | 4945 | 4950 | 4955 | 5000 | 5005 | 5010 | 5015 | 5020 | 5025 | 5030 | 5035 | 5040 | 5045 | 5050 | 5055 | 5100 | 5105 | 5110 | 5115 | 5120 | 5125 | 5130 | 5135 | 5140 | 5145 | 5150 | 5155 | 5200 | 5205 | 5210 | 5215 | 5220 | 5225 | 5230 | 5235 | 5240 | 5245 | 5250 | 5255 | 5300 | 5305 | 5310 | 5315 | 5320 | 5325 | 5330 | 5335 | 5340 | 5345 | 5350 | 5355 | 5400 | 5405 | 5410 | 5415 | 5420 | 5425 | 5430 | 5435 | 5440 | 5445 | 5450 | 5455 | 5500 | 5505 | 5510 | 5515 | 5520 | 5525 | 5530 | 5535 | 5540 | 5545 | 5550 | 5555 | 5600 | 5605 | 5610 | 5615 | 5620 | 5625 | 5630 | 5635 | 5640 | 5645 | 5650 | 5655 | 5700 | 5705 | 5710 | 5715 | 5720 | 5725 | 5730 | 5735 | 5740 | 5745 | 5750 | 5755 | 5800 | 5805 | 5810 | 5815 | 5820 | 5825 | 5830 | 5835 | 5840 | 5845 | 5850 | 5855 | 5900 | 5905 | 5910 | 5915 | 5920 | 5925 | 5930 | 5935 | 5940 | 5945 | 5950 | 5955 | 6000 | 6005 | 6010 | 6015 | 6020 | 6025 | 6030 | 6035 | 6040 | 6045 | 6050 | 6055 | 6100 | 6105 | 6110 | 6115 | 6120 | 6125 | 6130 | 6135 | 6140 | 6145 | 6150 | 6155 | 6200 | 6205 | 6210 | 6215 | 6220 | 6225 | 6230 | 6235 | 6240 | 6245 | 6250 | 6255 | 6300 | 6305 | 6310 | 6315 | 6320 | 6325 | 6330 | 6335 | 6340 | 6345 | 6350 | 6355 | 6400 | 6405 | 6410 | 6415 | 6420 | 6425 | 6430 | 6435 | 6440 | 6445 | 6450 | 6455 | 6500 | 6505 | 6510 | 6515 | 6520 | 6525 | 6530 | 6535 | 6540 | 6545 | 6550 | 6555 | 6600 | 6605 | 6610 | 6615 | 6620 | 6625 | 6630 | 6635 | 6640 | 6645 | 6650 | 6655 | 6700 | 6705 | 6710 | 6715 | 6720 | 6725 | 6730 | 6735 | 6740 | 6745 | 6750 | 6755 | 6800 | 6805 | 6810 | 6815 | 6820 | 6825 | 6830 | 6835 | 6840 | 6845 | 6850 | 6855 | 6900 | 6905 | 6910 | 6915 | 6920 | 6925 | 6930 | 6935 | 6940 | 6945 | 6950 | 6955 | 7000 | 7005 | 7010 | 7015 | 7020 | 7025 | 7030 | 7035 | 7040 | 7045 | 7050 | 7055 | 7100 | 7105 | 7110 | 7115 | 7120 | 7125 | 7130 | 7135 | 7140 | 7145 | 7150 | 7155 | 7200 | 7205 | 7210 | 7215 | 7220 | 7225 | 7230 | 7235 | 7240 | 7245 | 7250 | 7255 | 7300 | 7305 | 7310 | 7315 | 7320 | 7325 | 7330 | 7335 | 7340 | 7345 | 7350 | 7355 | 7400 | 7405 | 7410 | 7415 | 7420 | 7425 | 7430 | 7435 | 7440 | 7445 | 7450 | 7455 | 7500 | 7505 | 7510 | 7515 | 7520 | 7525 | 7530 | 7535 | 7540 | 7545 | 7550 | 7555 | 7600 | 7605 | 7610 | 7615 | 7620 | 7625 | 7630 | 7635 | 7640 | 7645 | 7650 | 7655 | 7700 | 7705 | 7710 | 7715 | 7720 | 7725 | 7730 | 7735 | 7740 | 7745 | 7750 | 7755 | 7800 | 7805 | 7810 | 7815 | 7820 | 7825 | 7830 | 7835 | 7840 | 7845 | 7850 | 7855 | 7900 | 7905 | 7910 | 7915 | 7920 | 7925 | 7930 | 7935 | 7940 | 7945 | 7950 | 7955 | 8000 | 8005 | 8010 | 8015 | 8020 | 8025 | 8030 | 8035 | 8040 | 8045 | 8050 | 8055 | 8100 | 8105 | 8110 | 8115 | 8120 | 8125 | 8130 | 8135 | 8140 | 8145 | 8150 | 8155 | 8200 | 8205 | 8210 | 8215 | 8220 | 8225 | 8230 | 8235 | 8240 | 8245 | 8250 | 8255 | 8300 | 8305 | 8310 | 8315 | 8320 | 8325 | 8330 | 8335 | 8340 | 8345 | 8350 | 8355 | 8400 | 8405 | 8410 | 8415 | 8420 | 8425 | 8430 | 8435 | 8440 | 8445 | 8450 | 8455 | 8500 | 8505 | 8510 | 8515 | 8520 | 8525 | 8530 | 8535 | 8540 | 8545 | 8550 | 8555 | 8600 | 8605 | 8610 | 8615 | 8620 | 8625 | 8630 | 8635 | 8640 | 8645 | 8650 | 8655 | 8700 | 8705 | 8710 | 8715 | 8720 | 8725 | 8730 | 8735 | 8740 | 8745 | 8750 | 8755 | 8800 | 8805 | 8810 | 8815 | 8820 | 8825 | 8830 | 8835 | 8840 | 8845 | 8850 | 8855 | 8900 | 8905 | 8910 | 8915 | 8920 | 8925 | 8930 | 8935 | 8940 | 8945 | 8950 | 8955 | 9000 | 9005 | 9010 | 9015 | 9020 | 9025 | 9030 | 9035 | 9040 | 9045 | 9050 | 9055 | 9100 | 9105 | 9110 | 9115 | 9120 | 9125 | 9130 | 9135 | 9140 | 9145 | 9150 | 9155 | 9200 | 9205 | 9210 | 9215 | 9220 | 9225 | 9230 | 9235 | 9240 | 9245 | 9250 | 9255 | 9300 | 9305 | 9310 | 9315 | 9320 | 9325 | 9330 | 9335 | 9340 | 9345 | 9350 | 9355 | 9400 | 9405 | 9410 | 9415 | 9420 | 9425 | 9430 | 9435 | 9440 | 9445 | 9450 | 9455 | 9500 | 9505 | 9510 | 9515 | 9520 | 9525 | 9530 | 9535 | 9540 | 9545 | 9550 | 9555 | 9600 | 9605 | 9610 | 9615 | 9620 | 9625 | 9630 | 9635 | 9640 | 9645 | 9650 | 9655 | 9700 | 9705 | 9710 | 9715 | 9720 | 9725 | 9730 | 9735 | 9740 | 9745 | 9750 | 9755 | 9800 | 9805 | 9810 | 9815 | 9820 | 9825 | 9830 | 9835 | 9840 | 9845 | 9850 | 9855 | 9900 | 9905 | 9910 | 9915 | 9920 | 9925 | 9930 | 9935 | 9940 | 9945 | 9950 | 9955 | 10000 | 10005 | 10010 | 10015 | 10020 | 10025 | 10030 | 10035 | 10040 | 10045 | 10050 | 10055 | 10100 | 10105 | 10110 | 10115 | 10120 | 10125 | 10130 | 10135 | 10140 | 10145 | 10150 | 10155 | 10200 | 10205 | 10210 | 10215 | 10220 | 10225 | 10230 | 10235 | 10240 | 10245 | 10250 | 10255 | 10300 | 10305 | 10310 | 10315 | 10320 | 10325 | 10330 | 10335 | 10340 | 10345 | 10350 | 10355 | 10400 | 10405 | 10410 | 10415 | 10420 | 10425 | 10430 | 10435 | 10440 | 10445 | 10450 | 10455 | 10500 | 10505 | 10510 | 10515 | 10520 | 10525 | 10530 | 10535 | 10540 | 10545 | 10550 | 10555 | 10600 | 10605 | 10610 | 10615 | 10620 | 10625 | 10630 | 10635 | 10640 | 10645 | 10650 | 10655 | 10700 | 10705 | 10710 | 10715 | 10720 | 10725 | 10730 | 10735 | 10740 | 10745 | 10750 | 10755 | 10800 | 10805 | 10810 | 10815 | 10820 | 10825 | 10830 | 10835 | 10840 | 10845 | 10850 | 10855 | 10900 | 10905 | 10910 | 10915 | 10920 | 10925 | 10930 | 10935 | 10940 | 10945 | 10950 | 10955 | 11000 | 11005 | 11010 | 11015 | 11020 | 11025 | 11030 | 11035 | 11040 | 11045 | 11050 | 11055 | 11100 | 11105 | 11110 | 11115 | 11120 | 11125 | 11130 | 11135 | 11140 | 11145 | 11150 | 11155 | 11200 | 11205 | 11210 | 11215 | 11220 | 11225 | 11230 | 11235 | 11240 | 11245 | 11250 | 11255 | 11300 | 11305 | 11310 | 11315 | 11320 | 11325 | 11330 | 11335 | 11340 | 11345 | 11350 | 11355 | 11400 | 11405 | 11410 | 11415 | 11420 | 11425 | 11430 | 11435 | 11440 |

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

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

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pheochromocytoma Benign | | | | | | | | | | | | | | | | | | | | | | | |
| Pheochromocytoma Malignant | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Adenoma | | | X | | X | X | | X | X | | X | X | | X | X | | X | X | | | X | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| C-cell, Adenoma | | | | | | | X | X | | | | | | | | X | X | | | X | | | |

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| NONE | | | | | | | | | | | | | | | | | | | | | | | |
|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

* .. 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: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| FISCHER 344-TACONIC RATS
FEMALE
0 mg/L | 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 | | |
| | 3 | 4 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 000000000000000000000000 | |
| | 3 | 3 | 5 | 0 | 3 | 3 | 3 | 4 | 4 | 7 | 8 | 8 | 9 | 9 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 444444444444444444444444 | |
| | 0 | 2 | 1 | 8 | 5 | 5 | 5 | 1 | 5 | 3 | 0 | 9 | 0 | 4 | 9 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 500000000000000000000000 | | |
| | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4418265943013063544590789 | | |
| Adenoma | | | | | | | | | | | | | | X | | | | | | | | | | X | | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Deciduoma Nos | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fibrous Histiocytoma | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| Leiomyosarcoma | | | X | | | | | | | | | | | | | | | | | | | | | | | |
| Polyp Stromal | | | | | | | | | | | | | | | | | | X | | | | | | X | | |
| Polyp Stromal, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sarcoma Stromal | | | | | | | | X | | | | | | | | | | | | | | | | | | |
| Vagina | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Lymph Node | | | + | | | | | | | + | | | | + | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Thymoma Malignant | | | | | | | | | | X | | | | | | | | | | | | | | | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| FISCHER 344-TACONIC RATS
FEMALE
0 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|-----------|----------------------|
| | 0
3
3
0 | 0
4
3
2 | 0
5
5
1 | 0
6
0
8 | 0
6
3
5 | 0
6
3
5 | 0
6
4
1 | 0
6
4
5 | 0
6
7
3 | 0
6
8
0 | 0
6
8
9 | 0
6
9
0 | 0
6
9
4 | 0
7
0
9 | 0
7
1
4 | 0
7
2
7 | 0
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7 | 0
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2
7 | 0
7
2
7 | 0
7
2
7 | 0
7
2
7 | 0
7
2
7 | 0
7
2
7 | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 0
0
4
5
4 | + | |
| Adenoma | | | | | X | | | | | | | | | | | | | | | | | | | 0
0
4
5
4 | | |
| Fibroadenoma | | | X | | X | X | X | | | | | X | | X | X | X | | | | | X | X | X | 0
0
4
5
4 | | |
| Fibroadenoma, Multiple | | | | | | | | | | | | | | | | | | X | X | | | | | 0
0
4
5
4 | X | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 0
0
4
5
4 | + | |
| Subcutaneous Tissue, Fibroma | | | | X | | | | | | | | | | | | | | | | | | | | 0
0
4
5
4 | | |
| Subcutaneous Tissue, Lipoma | | | | | | | | | | | | | | X | | | | | | X | | | | 0
0
4
5
4 | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Glioma | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Pheochromocytoma Malignant, Metastatic, Adrenal Medulla | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |

* .. 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: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| FISCHER 344-TACONIC RATS
FEMALE
0 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------|-----------|----------------------|
| | 0
3
3
0 | 0
4
3
2 | 0
5
5
1 | 0
6
0
8 | 0
6
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5 | 0
6
3
5 | 0
6
3
5 | 0
6
4
1 | 0
6
4
5 | 0
6
7
3 | 0
6
8
0 | 0
6
8
9 | 0
6
9
0 | 0
6
9
4 | 0
7
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9 | 0
7
1
4 | 0
7
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7 | 0
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7 | 0
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7 | 0
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7 | 0
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7 | 0
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7 | 0
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7 | | |
| | 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
5
4 | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ
Leukemia Mononuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| | | | X | | | | | | | X | X | | X | X | | 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

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 03/05/2013

Time Report Requested: 08:02:51

First Dose M/F: 10/26/06 / 10/27/06

Lab: BAT

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Rectum
Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Liver
Hemangioma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Tongue | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

* .. 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: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

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Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 03/05/2013

Time Report Requested: 08:02:51

First Dose M/F: 10/26/06 / 10/27/06

Lab: BAT

| FISCHER 344-TACONIC RATS
FEMALE
0 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------|---|
| | 0
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| ANIMAL ID | 0
4
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6 | 0
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7 | 0
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7 | 0
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1 | 0
4
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2 | 0
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3 | 0
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5 | 0
4
5
7 | 0
4
5
8 | 0
4
5
9 | | |
| Adenoma | | | X | | | | X | | | | | | | | | X | X | | | | X | | | | | 7 |
| Carcinoma | | | | | | | | | | | | | | | | X | | | | | | | | | | 1 |
| Bilateral, Adenoma | | | | | | | | | | X | | | | | | | | | | | | | | | | 1 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Deciduoma Nos | | | | | | | | | | X | | | | | | | | | | | | | | | 1 | |
| Fibrous Histiocytoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Leiomyosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Polyp Stromal | | | | | | | | | | | | | | | | | | | | | X | | | | 3 | |
| Polyp Stromal, Multiple | | | | | | | | | | X | | | | | | | | | | | | | | | 1 | |
| Sarcoma Stromal | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Vagina | | | | | | | | | | + | | | | | | | | | | | | | | | 1 | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Lymph Node | | | | | | | + | | | | | | | | | | | | | | | | | | 4 | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Thymoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

M .. Missing tissue
 A .. Autolysis precludes evaluation
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Time Report Requested: 08:02:51

First Dose M/F: 10/26/06 / 10/27/06

Lab: BAT

| FISCHER 344-TACONIC RATS
FEMALE
0 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|--|--|
| | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | | | |
| ANIMAL ID | 0044 | 0044 | 0045 | 0046 | 0046 | 0046 | 0046 | 0046 | 0046 | 0046 | 0046 | 0046 | 0046 | 0046 | 0046 | 0046 | 0046 | 0046 | 0046 | 0046 | 0046 | 0046 | 0046 | 0046 | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Fibroadenoma | X | X | X | | | | | | | X | X | X | | | | X | | | X | X | X | | | | 22 | | |
| Fibroadenoma, Multiple | | | | | | | | | X | | | | | X | | | | | X | | | | | | 6 | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Subcutaneous Tissue, Fibroma | | | X | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Subcutaneous Tissue, Lipoma | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Glioma | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Pheochromocytoma Malignant, Metastatic, Adrenal Medulla | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |

* .. 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: 96014 - 05
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 Lab: BAT

| FISCHER 344-TACONIC RATS
FEMALE
0 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | |
| ANIMAL ID | 00446 | 00447 | 00448 | 00449 | 00450 | 00451 | 00452 | 00453 | 00454 | 00455 | 00456 | 00457 | 00458 | 00459 | 00460 | 00461 | 00462 | 00463 | 00464 | 00465 | 00466 | 00467 | 00468 | 00469 | 00470 | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Leukemia Mononuclear | | | | X | X | X | X | X | X | X | | X | X | X | X | X | | | X | | | | | | 19 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
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 Lab: BAT

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | females
(cont...) | | | | | | |
|---|-----------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|------|------|------|------|------|------|
| FISCHER 344-TACONIC RATS
FEMALE
250 mg/L | ANIMAL ID | 0551 | 0558 | 0558 | 0568 | 0579 | 0588 | 0588 | 0594 | 0601 | 0607 | 0603 | 0601 | 0605 | 0604 | 0605 | 0602 | 0603 | 0604 | 0607 | 0607 | | 0609 | 0611 | 0612 | 0612 | 0617 | 0617 |
| | | 0551 | 0558 | 0558 | 0568 | 0579 | 0588 | 0588 | 0594 | 0601 | 0607 | 0603 | 0601 | 0605 | 0604 | 0605 | 0602 | 0603 | 0604 | 0607 | 0607 | | 0609 | 0611 | 0612 | 0612 | 0617 | 0617 |
| | | 8 | 8 | 9 | 6 | 1 | 4 | 6 | 3 | 9 | 7 | 9 | 1 | 9 | 0 | 2 | 4 | 6 | 5 | 4 | 8 | 8 | 6 | 1 | 1 | 0 | 2 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Tongue | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Squamous Cell Papilloma | | | | | | | X | X | | | | | | | | | | | | | | | | | | |

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

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| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| FISCHER 344-TACONIC RATS
FEMALE
250 mg/L | DAY ON TEST | 051 | 058 | 058 | 058 | 059 | 058 | 058 | 054 | 056 | 056 | 056 | 056 | 056 | 056 | 056 | 056 | 056 | 057 | 057 | 057 | 057 | 057 | 057 | 057 | 057 | 057 |
| | ANIMAL ID | 058 | 058 | 059 | 056 | 053 | 056 | 051 | 056 | 053 | 059 | 057 | 059 | 051 | 059 | 050 | 052 | 054 | 056 | 058 | 056 | 051 | 051 | 050 | 056 | 052 | 057 |
| | | 051 | 058 | 058 | 058 | 059 | 058 | 058 | 054 | 051 | 057 | 053 | 051 | 055 | 055 | 052 | 053 | 053 | 054 | 054 | 050 | 050 | 051 | 051 | 051 | 052 | 057 |

females
(cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma | | | | | | | | | | | | X | | | | | | | | | | | | | | |
| Leukemia Mononuclear | | | | | | | | X | | | | | | X | | | X | X | | | X | X | | | 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

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

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

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Schwannoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | 1 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Pheochromocytoma Benign | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pheochromocytoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Carcinoma | | | | | | | | | | X | | | | | | | | | | | | | | 1 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | 46 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Pars Distalis, Adenoma | | | X | X | X | X | | | | | X | | | X | | | X | X | X | X | X | | X | 20 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| C-cell, Adenoma | | | | | | | | | | | | | | | | | X | | | | X | | X | 10 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

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

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

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 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| FISCHER 344-TACONIC RATS
FEMALE
250 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|
| | 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 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | 7 |
| ANIMAL ID | 0 | 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 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | 1 | 1 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 7 | 0 | 2 | 3 | 5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | |
| | 6 | 9 | 4 | 5 | 3 | 4 | 4 | 5 | 7 | | | | | | | | | | | | | |
| Clitoral Gland Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | |
| | X | | | | | | X | | | | | | X | | X | | | X | X | | | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Uterus Polyp Stromal Endometrium, Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | X | | | | | | | X | | | | | | | | X | | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymph Node | + | | | | | | + | | | | | | | | | | + | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland Adenoma Carcinoma Fibroadenoma Fibroadenoma, Multiple | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | X | X | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | X | | | | X | | | X | | | | | | | | X | |
| | X | X | X | X | X | X | | X | X | X | | X | X | | X | X | X | X | X | X | X | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

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

M .. Missing tissue
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 Lab: BAT

| FISCHER 344-TACONIC RATS
FEMALE
250 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
| | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | 07 | |
| ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| | 51 | 51 | 53 | 53 | 54 | 54 | 54 | 54 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | |
| | 64 | 64 | 63 | 63 | 64 | 64 | 64 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Rhabdomyosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | | | | | | | | | X | | | 1 |
| Pheochromocytoma Malignant, Metastatic, Adrenal Medulla | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lacrimal Gland | | | | | | | | | | | | | | | | | | | | | | | | 2 |

URINARY SYSTEM

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

M .. Missing tissue
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FEMALE
250 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 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | ANIMAL ID | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| Kidney | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Urinary Bladder | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leukemia Mononuclear | | | X | | | | | X | X | X | X | | X | | | | | X | X | X | | | | | X | | 17 |

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Clitoral Gland Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | X | X | | | | | | | | X | | | X | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Ovary Granulosa Cell Tumor Malignant Hemangiosarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Uterus Polyp Stromal Cervix, Granular Cell Tumor Nos Cervix, Hemangiosarcoma | + | + | + | + | + | X | X | + | + | + | + | X | + | + | + | + | + | + | + | X | + | + | + | + | |
| | | | | | | | X | | | | | | | X | | | | | | X | | | | | |
| | | | X | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Mammary Gland Adenoma Carcinoma Fibroadenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | X | | | | | | | | | | | | X | | | | | | X | | | | | |
| | | | | | | X | | | | | | | | | | | | | | | | | | | |
| | | | X | X | X | | | X | | | X | X | | X | X | | | | | | | | | | |

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FEMALE
500 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 034 | 036 | 038 | 039 | 044 | 049 | 053 | 056 | 058 | 059 | 061 | 064 | 068 | 074 | 078 | 084 | 088 | 094 | 099 | 103 | 106 | 108 | 114 | 118 | | | 124 | 128 | 134 | 138 | 144 | 148 | 154 | 158 | 164 | 168 | 174 | 178 | 184 | 188 | 194 | 198 | 204 | 208 | 214 | 218 | 224 | 228 | 234 | 238 | 244 | 248 | 254 | 258 | 264 | 268 | 274 | 278 | 284 | 288 | 294 | 298 | 304 | 308 | 314 | 318 | 324 | 328 | 334 | 338 | 344 | 348 | 354 | 358 | 364 | 368 | 374 | 378 | 384 | 388 | 394 | 398 | 404 | 408 | 414 | 418 | 424 | 428 | 434 | 438 | 444 | 448 | 454 | 458 | 464 | 468 | 474 | 478 | 484 | 488 | 494 | 498 | 504 | 508 | 514 | 518 | 524 | 528 | 534 | 538 | 544 | 548 | 554 | 558 | 564 | 568 | 574 | 578 | 584 | 588 | 594 | 598 | 604 | 608 | 614 | 618 | 624 | 628 | 634 | 638 | 644 | 648 | 654 | 658 | 664 | 668 | 674 | 678 | 684 | 688 | 694 | 698 | 704 | 708 | 714 | 718 | 724 | 728 | 734 | 738 | 744 | 748 | 754 | 758 | 764 | 768 | 774 | 778 | 784 | 788 | 794 | 798 | 804 | 808 | 814 | 818 | 824 | 828 | 834 | 838 | 844 | 848 | 854 | 858 | 864 | 868 | 874 | 878 | 884 | 888 | 894 | 898 | 904 | 908 | 914 | 918 | 924 | 928 | 934 | 938 | 944 | 948 | 954 | 958 | 964 | 968 | 974 | 978 | 984 | 988 | 994 | 998 | 1004 | 1008 | 1014 | 1018 | 1024 | 1028 | 1034 | 1038 | 1044 | 1048 | 1054 | 1058 | 1064 | 1068 | 1074 | 1078 | 1084 | 1088 | 1094 | 1098 | 1104 | 1108 | 1114 | 1118 | 1124 | 1128 | 1134 | 1138 | 1144 | 1148 | 1154 | 1158 | 1164 | 1168 | 1174 | 1178 | 1184 | 1188 | 1194 | 1198 | 1204 | 1208 | 1214 | 1218 | 1224 | 1228 | 1234 | 1238 | 1244 | 1248 | 1254 | 1258 | 1264 | 1268 | 1274 | 1278 | 1284 | 1288 | 1294 | 1298 | 1304 | 1308 | 1314 | 1318 | 1324 | 1328 | 1334 | 1338 | 1344 | 1348 | 1354 | 1358 | 1364 | 1368 | 1374 | 1378 | 1384 | 1388 | 1394 | 1398 | 1404 | 1408 | 1414 | 1418 | 1424 | 1428 | 1434 | 1438 | 1444 | 1448 | 1454 | 1458 | 1464 | 1468 | 1474 | 1478 | 1484 | 1488 | 1494 | 1498 | 1504 | 1508 | 1514 | 1518 | 1524 | 1528 | 1534 | 1538 | 1544 | 1548 | 1554 | 1558 | 1564 | 1568 | 1574 | 1578 | 1584 | 1588 | 1594 | 1598 | 1604 | 1608 | 1614 | 1618 | 1624 | 1628 | 1634 | 1638 | 1644 | 1648 | 1654 | 1658 | 1664 | 1668 | 1674 | 1678 | 1684 | 1688 | 1694 | 1698 | 1704 | 1708 | 1714 | 1718 | 1724 | 1728 | 1734 | 1738 | 1744 | 1748 | 1754 | 1758 | 1764 | 1768 | 1774 | 1778 | 1784 | 1788 | 1794 | 1798 | 1804 | 1808 | 1814 | 1818 | 1824 | 1828 | 1834 | 1838 | 1844 | 1848 | 1854 | 1858 | 1864 | 1868 | 1874 | 1878 | 1884 | 1888 | 1894 | 1898 | 1904 | 1908 | 1914 | 1918 | 1924 | 1928 | 1934 | 1938 | 1944 | 1948 | 1954 | 1958 | 1964 | 1968 | 1974 | 1978 | 1984 | 1988 | 1994 | 1998 | 2004 | 2008 | 2014 | 2018 | 2024 | 2028 | 2034 | 2038 | 2044 | 2048 | 2054 | 2058 | 2064 | 2068 | 2074 | 2078 | 2084 | 2088 | 2094 | 2098 | 2104 | 2108 | 2114 | 2118 | 2124 | 2128 | 2134 | 2138 | 2144 | 2148 | 2154 | 2158 | 2164 | 2168 | 2174 | 2178 | 2184 | 2188 | 2194 | 2198 | 2204 | 2208 | 2214 | 2218 | 2224 | 2228 | 2234 | 2238 | 2244 | 2248 | 2254 | 2258 | 2264 | 2268 | 2274 | 2278 | 2284 | 2288 | 2294 | 2298 | 2304 | 2308 | 2314 | 2318 | 2324 | 2328 | 2334 | 2338 | 2344 | 2348 | 2354 | 2358 | 2364 | 2368 | 2374 | 2378 | 2384 | 2388 | 2394 | 2398 | 2404 | 2408 | 2414 | 2418 | 2424 | 2428 | 2434 | 2438 | 2444 | 2448 | 2454 | 2458 | 2464 | 2468 | 2474 | 2478 | 2484 | 2488 | 2494 | 2498 | 2504 | 2508 | 2514 | 2518 | 2524 | 2528 | 2534 | 2538 | 2544 | 2548 | 2554 | 2558 | 2564 | 2568 | 2574 | 2578 | 2584 | 2588 | 2594 | 2598 | 2604 | 2608 | 2614 | 2618 | 2624 | 2628 | 2634 | 2638 | 2644 | 2648 | 2654 | 2658 | 2664 | 2668 | 2674 | 2678 | 2684 | 2688 | 2694 | 2698 | 2704 | 2708 | 2714 | 2718 | 2724 | 2728 | 2734 | 2738 | 2744 | 2748 | 2754 | 2758 | 2764 | 2768 | 2774 | 2778 | 2784 | 2788 | 2794 | 2798 | 2804 | 2808 | 2814 | 2818 | 2824 | 2828 | 2834 | 2838 | 2844 | 2848 | 2854 | 2858 | 2864 | 2868 | 2874 | 2878 | 2884 | 2888 | 2894 | 2898 | 2904 | 2908 | 2914 | 2918 | 2924 | 2928 | 2934 | 2938 | 2944 | 2948 | 2954 | 2958 | 2964 | 2968 | 2974 | 2978 | 2984 | 2988 | 2994 | 2998 | 3004 | 3008 | 3014 | 3018 | 3024 | 3028 | 3034 | 3038 | 3044 | 3048 | 3054 | 3058 | 3064 | 3068 | 3074 | 3078 | 3084 | 3088 | 3094 | 3098 | 3104 | 3108 | 3114 | 3118 | 3124 | 3128 | 3134 | 3138 | 3144 | 3148 | 3154 | 3158 | 3164 | 3168 | 3174 | 3178 | 3184 | 3188 | 3194 | 3198 | 3204 | 3208 | 3214 | 3218 | 3224 | 3228 | 3234 | 3238 | 3244 | 3248 | 3254 | 3258 | 3264 | 3268 | 3274 | 3278 | 3284 | 3288 | 3294 | 3298 | 3304 | 3308 | 3314 | 3318 | 3324 | 3328 | 3334 | 3338 | 3344 | 3348 | 3354 | 3358 | 3364 | 3368 | 3374 | 3378 | 3384 | 3388 | 3394 | 3398 | 3404 | 3408 | 3414 | 3418 | 3424 | 3428 | 3434 | 3438 | 3444 | 3448 | 3454 | 3458 | 3464 | 3468 | 3474 | 3478 | 3484 | 3488 | 3494 | 3498 | 3504 | 3508 | 3514 | 3518 | 3524 | 3528 | 3534 | 3538 | 3544 | 3548 | 3554 | 3558 | 3564 | 3568 | 3574 | 3578 | 3584 | 3588 | 3594 | 3598 | 3604 | 3608 | 3614 | 3618 | 3624 | 3628 | 3634 | 3638 | 3644 | 3648 | 3654 | 3658 | 3664 | 3668 | 3674 | 3678 | 3684 | 3688 | 3694 | 3698 | 3704 | 3708 | 3714 | 3718 | 3724 | 3728 | 3734 | 3738 | 3744 | 3748 | 3754 | 3758 | 3764 | 3768 | 3774 | 3778 | 3784 | 3788 | 3794 | 3798 | 3804 | 3808 | 3814 | 3818 | 3824 | 3828 | 3834 | 3838 | 3844 | 3848 | 3854 | 3858 | 3864 | 3868 | 3874 | 3878 | 3884 | 3888 | 3894 | 3898 | 3904 | 3908 | 3914 | 3918 | 3924 | 3928 | 3934 | 3938 | 3944 | 3948 | 3954 | 3958 | 3964 | 3968 | 3974 | 3978 | 3984 | 3988 | 3994 | 3998 | 4004 | 4008 | 4014 | 4018 | 4024 | 4028 | 4034 | 4038 | 4044 | 4048 | 4054 | 4058 | 4064 | 4068 | 4074 | 4078 | 4084 | 4088 | 4094 | 4098 | 4104 | 4108 | 4114 | 4118 | 4124 | 4128 | 4134 | 4138 | 4144 | 4148 | 4154 | 4158 | 4164 | 4168 | 4174 | 4178 | 4184 | 4188 | 4194 | 4198 | 4204 | 4208 | 4214 | 4218 | 4224 | 4228 | 4234 | 4238 | 4244 | 4248 | 4254 | 4258 | 4264 | 4268 | 4274 | 4278 | 4284 | 4288 | 4294 | 4298 | 4304 | 4308 | 4314 | 4318 | 4324 | 4328 | 4334 | 4338 | 4344 | 4348 | 4354 | 4358 | 4364 | 4368 | 4374 | 4378 | 4384 | 4388 | 4394 | 4398 | 4404 | 4408 | 4414 | 4418 | 4424 | 4428 | 4434 | 4438 | 4444 | 4448 | 4454 | 4458 | 4464 | 4468 | 4474 | 4478 | 4484 | 4488 | 4494 | 4498 | 4504 | 4508 | 4514 | 4518 | 4524 | 4528 | 4534 | 4538 | 4544 | 4548 | 4554 | 4558 | 4564 | 4568 | 4574 | 4578 | 4584 | 4588 | 4594 | 4598 | 4604 | 4608 | 4614 | 4618 | 4624 | 4628 | 4634 | 4638 | 4644 | 4648 | 4654 | 4658 | 4664 | 4668 | 4674 | 4678 | 4684 | 4688 | 4694 | 4698 | 4704 | 4708 | 4714 | 4718 | 4724 | 4728 | 4734 | 4738 | 4744 | 4748 | 4754 | 4758 | 4764 | 4768 | 4774 | 4778 | 4784 | 4788 | 4794 | 4798 | 4804 | 4808 | 4814 | 4818 | 4824 | 4828 | 4834 | 4838 | 4844 | 4848 | 4854 | 4858 | 4864 | 4868 | 4874 | 4878 | 4884 | 4888 | 4894 | 4898 | 4904 | 4908 | 4914 | 4918 | 4924 | 4928 | 4934 | 4938 | 4944 | 4948 | 4954 | 4958 | 4964 | 4968 | 4974 | 4978 | 4984 | 4988 | 4994 | 4998 | 5004 | 5008 | 5014 | 5018 | 5024 | 5028 | 5034 | 5038 | 5044 | 5048 | 5054 | 5058 | 5064 | 5068 | 5074 | 5078 | 5084 | 5088 | 5094 | 5098 | 5104 | 5108 | 5114 | 5118 | 5124 | 5128 | 5134 | 5138 | 5144 | 5148 | 5154 | 5158 | 5164 | 5168 | 5174 | 5178 | 5184 | 5188 | 5194 | 5198 | 5204 | 5208 | 5214 | 5218 | 5224 | 5228 | 5234 | 5238 | 5244 | 5248 | 5254 | 5258 | 5264 | 5268 | 5274 | 5278 | 5284 | 5288 | 5294 | 5298 | 5304 | 5308 | 5314 | 5318 | 5324 | 5328 | 5334 | 5338 | 5344 | 5348 | 5354 | 5358 | 5364 | 5368 | 5374 | 5378 | 5384 | 5388 | 5394 | 5398 | 5404 | 5408 | 5414 | 5418 | 5424 | 5428 | 5434 | 5438 | 5444 | 5448 | 5454 | 5458 | 5464 | 5468 | 5474 | 5478 | 5484 | 5488 | 5494 | 5498 | 5504 | 5508 | 5514 | 5518 | 5524 | 5528 | 5534 | 5538 | 5544 | 5548 | 5554 | 5558 | 5564 | 5568 | 5574 | 5578 | 5584 | 5588 | 5594 | 5598 | 5604 | 5608 | 5614 | 5618 | 5624 | 5628 | 5634 | 5638 | 5644 | 5648 | 5654 | 5658 | 5664 | 5668 | 5674 | 5678 | 5684 | 5688 | 5694 | 5698 | 5704 | 5708 | 5714 | 5718 | 5724 | 5728 | 5734 | 5738 | 5744 | 5748 | 5754 | 5758 | 5764 | 5768 | 5774 | 5778 | 5784 | 5788 | 5794 | 5798 | 5804 | 5808 | 5814 | 5818 | 5824 | 5828 | 5834 | 5838 | 5844 | 5848 | 5854 | 5858 | 5864 | 5868 | 5874 | 5878 | 5884 | 5888 | 5894 | 5898 | 5904 | 5908 | 5914 | 5918 | 5924 | 5928 | 5934 | 5938 | 5944 | 5948 | 5954 | 5958 | 5964 | 5968 | 5974 | 5978 | 5984 | 5988 | 5994 | 5998 | 6004 | 6008 | 6014 | 6018 | 6024 | 6028 | 6034 | 6038 | 6044 | 6048 | 6054 | 6058 | 6064 | 6068 | 6074 | 6078 | 6084 | 6088 | 6094 | 6098 | 6104 | 6108 | 6114 | 6118 | 6124 | 6128 | 6134 | 6138 | 6144 | 6148 | 6154 | 6158 | 6164 | 6168 | 6174 | 6178 | 6184 | 6188 | 6194 | 6198 | 6204 | 6208 | 6214 | 6218 | 6224 | 6228 | 6234 | 6238 | 6244 | 6248 | 6254 | 6258 | 6264 | 6268 | 6274 | 6278 | 6284 | 6288 | 6294 | 6298 | 6304 | 6308 | 6314 | 6318 | 6324 | 6328 | 6334 | 6338 | 6344 | 6348 | 6354 | 6358 | 6364 | 6368 | 6374 | 6378 | 6384 | 6388 | 6394 | 6398 | 6404 | 6408 | 6414 | 6418 | 6424 | 6428 | 6434 | 6438 | 6444 | 6448 | 6454 | 6458 | 6464 | 6468 | 6474 | 6478 | 6484 | 6488 | 6494 | 6498 | 6504 | 6508 | 6514 | 6518 | 6524 | 6528 | 6534 | 6538 | 6544 | 6548 | 6554 | 6558 | 6564 | 6568 | 6574 | 6578 | 6584 | 6588 | 6594 | 6598 | 6604 | 6608 | 6614 | 6618 | 6624 | 6628 | 6634 | 6638 | 6644 | 6648 | 6654 | 6658 |

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| FISCHER 344-TACONIC RATS
FEMALE
500 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------------------|--------------------|--|
| | 0635 | 0641 | 0644 | 0644 | 0645 | 0645 | 0660 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | | 0666 | 0666 | | | |
| ANIMAL ID | 00654 | 00663 | 00663 | 00664 | 00662 | 00665 | 00664 | 00661 | 00665 | 00669 | 00669 | 00662 | 00663 | 00668 | 00661 | 00664 | 00667 | 00667 | 00667 | 00667 | 00668 | 00668 | 00668 | 00668 | | |
| Clitoral Gland Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | 49
8 | |
| Ovary Granulosa Cell Tumor Malignant Hemangiosarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1
1 | |
| Uterus Polyp Stromal Cervix, Granular Cell Tumor Nos Cervix, Hemangiosarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
8
1
1 | | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Lymph Node | | | | | | | | | | + | | | | | | | | | | | | | | | 2 | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Thymus | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | 47 | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland Adenoma Carcinoma Fibroadenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
3
3
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
 BLANK .. Not examined microscopically

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 03/05/2013

Time Report Requested: 08:02:51

First Dose M/F: 10/26/06 / 10/27/06

Lab: BAT

| FISCHER 344-TACONIC RATS
FEMALE
500 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|------|
| | 0635 | 0641 | 0663 | 0664 | 0665 | 0666 | 0667 | 0668 | 0669 | 0670 | 0671 | 0672 | 0673 | 0674 | 0675 | 0676 | 0677 | 0678 | 0679 | 0680 | | 0681 | 0682 | 0683 | 0684 | 0685 |
| ANIMAL ID | 00654 | 00663 | 00668 | 00669 | 00670 | 00671 | 00672 | 00673 | 00674 | 00675 | 00676 | 00677 | 00678 | 00679 | 00680 | 00681 | 00682 | 00683 | 00684 | 00685 | 00686 | 00687 | 00688 | 00689 | 00690 | |
| Fibroadenoma, Multiple | X | X | X | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | X | X | 37 | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Subcutaneous Tissue, Fibroma | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Glioma | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Oligodendroglioma Nos | | | | | | | | | | | | | | | | | | | | | | | X | | 1 | |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Carcinoma, Metastatic, Mammary Gland | | | | | | | | | | | | X | | | | | | | | | | | | | 1 | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| FISCHER 344-TACONIC RATS
FEMALE
500 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
| | ANIMAL ID | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 9 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | | 5 | 1 | 3 | 3 | 5 | 5 | 5 | 0 | 6 | 6 | 6 | 6 | 6 | 6 | 3 | 3 | 8 | 4 | 5 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | | |
| | | 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 | |
| | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | | 5 | 3 | 3 | 4 | 2 | 5 | 6 | 3 | 0 | 0 | 2 | 3 | 3 | 5 | 0 | 2 | 4 | 4 | 0 | 3 | 3 | 3 | 2 | 3 | 4 | 4 | | |
| | | 4 | 6 | 3 | 8 | 0 | 5 | 4 | 1 | 5 | 9 | 9 | 2 | 8 | 1 | 4 | 7 | 7 | 2 | 7 | 7 | 9 | 6 | 0 | 3 | 4 | 4 | | |
| Kidney | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Urinary Bladder | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple Organ | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Leukemia Mononuclear | | | | | | | | X | X | X | | | | X | | | X | | X | | | X | | | | | | 8 | |

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

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

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

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

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland
Adenoma | + | + | + | + | + | X | + | + | + | X | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X |
| Ovary
Pheochromocytoma Malignant, Metastatic,
Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Uterus
Polyp Stromal
Sarcoma Stromal
Endometrium, Carcinoma | + | + | + | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | + | + | + |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spleen
Hemangiosarcoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Thymus | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

INTEGUMENTARY SYSTEM

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

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

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| FISCHER 344-TACONIC RATS
FEMALE
1000 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|--|
| | 0
2
4
7 | 0
4
1
1 | 0
4
1
4 | 0
4
8
8 | 0
4
9
4 | 0
5
0
9 | 0
5
1
9 | 0
5
1
9 | 0
5
1
9 | 0
5
2
9 | 0
5
4
4 | 0
5
4
4 | 0
5
5
1 | 0
5
5
4 | 0
5
6
1 | 0
5
6
8 | 0
5
7
2 | 0
5
8
5 | 0
5
8
6 | 0
5
8
7 | 0
5
9
4 | 0
5
9
4 | 0
5
9
4 | 0
5
9
6 | 0
6
0
1 | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 007001 | | |
| Adenoma | | | | X | | | | | | | | | | | | | | | | | | | | | | | 007001 | |
| Carcinoma | | | | | | X | | | | | | | | X | | | | | | | X | | | | | | 007001 | |
| Fibroadenoma | | | X | | X | | X | X | | | | | | | | | X | | | X | | | | | X | | 007001 | |
| Fibroadenoma, Multiple | | | | | | | | | X | X | X | | X | | | X | | | X | X | X | | | | X | | 007001 | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 007001 | |
| Basal Cell Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | 007001 | |
| Subcutaneous Tissue, Fibroma | | | | | | | | | | | | | | | | | | | X | | | | X | | | | 007001 | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 007001 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 007001 | |
| Oligodendroglioma Nos | | | | | | | | | | | | | | | | | | | | | | | | | | | 007001 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 007001 | |
| Pheochromocytoma Malignant, Metastatic, Adrenal Medulla | | | | | | | | | | | | | X | | | | | | | | | | | | | | 007001 | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 007001 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 007001 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 007001 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
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M .. Missing tissue
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Experiment Number: 96014 - 05
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P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
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 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
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 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| DAY ON TEST | FISCHER 344-TACONIC RATS
FEMALE
1000 mg/L | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| | ANIMAL ID | 000704 | 000703 | 000709 | 000703 | 000704 | 000702 | 000706 | 000703 | 000704 | 000701 | 000701 | 000705 | 000703 | 000705 | 000706 | 000703 | 000706 | 000706 | 000703 | 000701 | 000707 | 000707 | 000707 | |
| 0620 | 0074 | 0070 | 0073 | 0079 | 0073 | 0074 | 0072 | 0076 | 0073 | 0074 | 0071 | 0071 | 0075 | 0073 | 0076 | 0076 | 0073 | 0076 | 0076 | 0073 | 0071 | 0077 | 0077 | 0077 | 50 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Colon
Adenoma | + | + | + | + | + | + | + | + | + | + | X | X | + | + | + | + | + | + | + | + | + | + | + | 50
2 | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Liver
Hemangiosarcoma
Hepatocellular Adenoma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1
1 | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | + | + | | 2 | |
| Oral Mucosa
Pharyngeal, Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | | 1
1 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor
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 X .. Lesion present
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Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| FISCHER 344-TACONIC RATS
FEMALE
1000 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|---------|------|
| | 0620 | 0622 | 0623 | 0624 | 0625 | 0626 | 0627 | 0628 | 0628 | 0631 | 0631 | 0631 | 0635 | 0635 | 0636 | 0638 | 0641 | 0641 | 0643 | 0645 | 0646 | 0646 | 0646 | 0672 | | 0677 | 0677 |
| ANIMAL ID | 0704 | 0703 | 0703 | 0709 | 0703 | 0704 | 0705 | 0702 | 0703 | 0704 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | 0707 | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Tongue
Squamous Cell Papilloma | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50
1 | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Pheochromocytoma Benign | | | | | | | | | | | | | | | | | | | | | | | | X | | 1 | |
| Pheochromocytoma Benign, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Pheochromocytoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Pars Distalis, Adenoma | | | X | | | X | | | X | X | | | | | X | | | | X | | X | X | | | | 11 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| C-cell, Adenoma | | X | | | | X | | | X | | | X | | | | | | | | | | | | X | | 7 | |
| Follicular Cell, Adenoma | | | | | | | | | | | | | | | | | | | X | | | | | | | 1 | |

GENERAL BODY SYSTEM

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

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

Experiment Number: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 03/05/2013

Time Report Requested: 08:02:51

First Dose M/F: 10/26/06 / 10/27/06

Lab: BAT

| FISCHER 344-TACONIC RATS
FEMALE
1000 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | 0 | 0 | 0 | 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 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | |
| ANIMAL ID | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | |
| | 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 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 0 | 3 | 6 | 3 | 4 | 5 | 2 | 3 | 4 | 5 | 6 | 2 | 3 | 6 | 0 | 0 | 6 | 0 | 4 | 4 | 0 | 4 | 2 | |
| | 4 | 0 | 3 | 9 | 3 | 4 | 2 | 6 | 9 | 0 | 7 | 8 | 4 | 7 | 5 | 5 | 3 | 6 | 0 | 5 | 9 | 1 | 5 | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | |
| Carcinoma | | | | | | | | | X | X | | | | | | X | | | | | | X | | |
| Fibroadenoma | | | | | | | | | | X | | X | | X | | | | | | X | | | X | |
| Fibroadenoma, Multiple | | X | X | X | X | X | | X | X | | X | X | X | X | X | X | X | X | X | X | X | X | X | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Basal Cell Adenoma | | | | | | | | | | | | | | | | X | | | | | | | | |
| Subcutaneous Tissue, Fibroma | | | | | | | | | | | | | | | | | | | | | | | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Oligodendroglioma Nos | | | | | | | | | | | X | | | | | | | | | | | | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Pheochromocytoma Malignant, Metastatic, Adrenal Medulla | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

* .. 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: 96014 - 05
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: RATS/F344/N Tac

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 03/05/2013
 Time Report Requested: 08:02:51
 First Dose M/F: 10/26/06 / 10/27/06
 Lab: BAT

| FISCHER 344-TACONIC RATS
FEMALE
1000 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|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| | 0620 | 0622 | 0623 | 0624 | 0625 | 0626 | 0627 | 0628 | 0629 | 0630 | 0631 | 0632 | 0633 | 0634 | 0635 | 0636 | 0637 | 0638 | 0639 | 0640 | 0641 | 0642 | 0643 | 0644 | 0645 | | 0646 | 0647 | 0648 | 0649 | 0650 | 0651 | 0652 | 0653 | 0654 | 0655 | 0656 | 0657 | 0658 | 0659 | 0660 | 0661 | 0662 | 0663 | 0664 | 0665 | 0666 | 0667 | 0668 | 0669 | 0670 | 0671 | 0672 | 0673 | 0674 | 0675 | 0676 | 0677 | 0678 | 0679 | 0680 | 0681 | 0682 | 0683 | 0684 | 0685 | 0686 | 0687 | 0688 | 0689 | 0690 | 0691 | 0692 | 0693 | 0694 | 0695 | 0696 | 0697 | 0698 | 0699 | 0700 | 0701 | 0702 | 0703 | 0704 | 0705 | 0706 | 0707 | 0708 | 0709 | 0710 | 0711 | 0712 | 0713 | 0714 | 0715 | 0716 | 0717 | 0718 | 0719 | 0720 | 0721 | 0722 | 0723 | 0724 | 0725 | 0726 | 0727 | 0728 | 0729 | 0730 | 0731 | 0732 | 0733 | 0734 | 0735 | 0736 | 0737 | 0738 | 0739 | 0740 | 0741 | 0742 | 0743 | 0744 | 0745 | 0746 | 0747 | 0748 | 0749 | 0750 | 0751 | 0752 | 0753 | 0754 | 0755 | 0756 | 0757 | 0758 | 0759 | 0760 | 0761 | 0762 | 0763 | 0764 | 0765 | 0766 | 0767 | 0768 | 0769 | 0770 | 0771 | 0772 | 0773 | 0774 | 0775 | 0776 | 0777 | 0778 | 0779 | 0780 | 0781 | 0782 | 0783 | 0784 | 0785 | 0786 | 0787 | 0788 | 0789 | 0790 | 0791 | 0792 | 0793 | 0794 | 0795 | 0796 | 0797 | 0798 | 0799 | 0800 | 0801 | 0802 | 0803 | 0804 | 0805 | 0806 | 0807 | 0808 | 0809 | 0810 | 0811 | 0812 | 0813 | 0814 | 0815 | 0816 | 0817 | 0818 | 0819 | 0820 | 0821 | 0822 | 0823 | 0824 | 0825 | 0826 | 0827 | 0828 | 0829 | 0830 | 0831 | 0832 | 0833 | 0834 | 0835 | 0836 | 0837 | 0838 | 0839 | 0840 | 0841 | 0842 | 0843 | 0844 | 0845 | 0846 | 0847 | 0848 | 0849 | 0850 | 0851 | 0852 | 0853 | 0854 | 0855 | 0856 | 0857 | 0858 | 0859 | 0860 | 0861 | 0862 | 0863 | 0864 | 0865 | 0866 | 0867 | 0868 | 0869 | 0870 | 0871 | 0872 | 0873 | 0874 | 0875 | 0876 | 0877 | 0878 | 0879 | 0880 | 0881 | 0882 | 0883 | 0884 | 0885 | 0886 | 0887 | 0888 | 0889 | 0890 | 0891 | 0892 | 0893 | 0894 | 0895 | 0896 | 0897 | 0898 | 0899 | 0900 | 0901 | 0902 | 0903 | 0904 | 0905 | 0906 | 0907 | 0908 | 0909 | 0910 | 0911 | 0912 | 0913 | 0914 | 0915 | 0916 | 0917 | 0918 | 0919 | 0920 | 0921 | 0922 | 0923 | 0924 | 0925 | 0926 | 0927 | 0928 | 0929 | 0930 | 0931 | 0932 | 0933 | 0934 | 0935 | 0936 | 0937 | 0938 | 0939 | 0940 | 0941 | 0942 | 0943 | 0944 | 0945 | 0946 | 0947 | 0948 | 0949 | 0950 | 0951 | 0952 | 0953 | 0954 | 0955 | 0956 | 0957 | 0958 | 0959 | 0960 | 0961 | 0962 | 0963 | 0964 | 0965 | 0966 | 0967 | 0968 | 0969 | 0970 | 0971 | 0972 | 0973 | 0974 | 0975 | 0976 | 0977 | 0978 | 0979 | 0980 | 0981 | 0982 | 0983 | 0984 | 0985 | 0986 | 0987 | 0988 | 0989 | 0990 | 0991 | 0992 | 0993 | 0994 | 0995 | 0996 | 0997 | 0998 | 0999 | 1000 | 1001 | 1002 | 1003 | 1004 | 1005 | 1006 | 1007 | 1008 | 1009 | 1010 | 1011 | 1012 | 1013 | 1014 | 1015 | 1016 | 1017 | 1018 | 1019 | 1020 | 1021 | 1022 | 1023 | 1024 | 1025 | 1026 | 1027 | 1028 | 1029 | 1030 | 1031 | 1032 | 1033 | 1034 | 1035 | 1036 | 1037 | 1038 | 1039 | 1040 | 1041 | 1042 | 1043 | 1044 | 1045 | 1046 | 1047 | 1048 | 1049 | 1050 | 1051 | 1052 | 1053 | 1054 | 1055 | 1056 | 1057 | 1058 | 1059 | 1060 | 1061 | 1062 | 1063 | 1064 | 1065 | 1066 | 1067 | 1068 | 1069 | 1070 | 1071 | 1072 | 1073 | 1074 | 1075 | 1076 | 1077 | 1078 | 1079 | 1080 | 1081 | 1082 | 1083 | 1084 | 1085 | 1086 | 1087 | 1088 | 1089 | 1090 | 1091 | 1092 | 1093 | 1094 | 1095 | 1096 | 1097 | 1098 | 1099 | 1100 | 1101 | 1102 | 1103 | 1104 | 1105 | 1106 | 1107 | 1108 | 1109 | 1110 | 1111 | 1112 | 1113 | 1114 | 1115 | 1116 | 1117 | 1118 | 1119 | 1120 | 1121 | 1122 | 1123 | 1124 | 1125 | 1126 | 1127 | 1128 | 1129 | 1130 | 1131 | 1132 | 1133 | 1134 | 1135 | 1136 | 1137 | 1138 | 1139 | 1140 | 1141 | 1142 | 1143 | 1144 | 1145 | 1146 | 1147 | 1148 | 1149 | 1150 | 1151 | 1152 | 1153 | 1154 | 1155 | 1156 | 1157 | 1158 | 1159 | 1160 | 1161 | 1162 | 1163 | 1164 | 1165 | 1166 | 1167 | 1168 | 1169 | 1170 | 1171 | 1172 | 1173 | 1174 | 1175 | 1176 | 1177 | 1178 | 1179 | 1180 | 1181 | 1182 | 1183 | 1184 | 1185 | 1186 | 1187 | 1188 | 1189 | 1190 | 1191 | 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1335 | 1336 | 1337 | 1338 | 1339 | 1340 | 1341 | 1342 | 1343 | 1344 | 1345 | 1346 | 1347 | 1348 | 1349 | 1350 | 1351 | 1352 | 1353 | 1354 | 1355 | 1356 | 1357 | 1358 | 1359 | 1360 | 1361 | 1362 | 1363 | 1364 | 1365 | 1366 | 1367 | 1368 | 1369 | 1370 | 1371 | 1372 | 1373 | 1374 | 1375 | 1376 | 1377 | 1378 | 1379 | 1380 | 1381 | 1382 | 1383 | 1384 | 1385 | 1386 | 1387 | 1388 | 1389 | 1390 | 1391 | 1392 | 1393 | 1394 | 1395 | 1396 | 1397 | 1398 | 1399 | 1400 | 1401 | 1402 | 1403 | 1404 | 1405 | 1406 | 1407 | 1408 | 1409 | 1410 | 1411 | 1412 | 1413 | 1414 | 1415 | 1416 | 1417 | 1418 | 1419 | 1420 | 1421 | 1422 | 1423 | 1424 | 1425 | 1426 | 1427 | 1428 | 1429 | 1430 | 1431 | 1432 | 1433 | 1434 | 1435 | 1436 | 1437 | 1438 | 1439 | 1440 | 1441 | 1442 | 1443 | 1444 | 1445 | 1446 | 1447 | 1448 | 1449 | 1450 | 1451 | 1452 | 1453 | 1454 | 1455 | 1456 | 1457 | 1458 | 1459 | 1460 | 1461 | 1462 | 1463 | 1464 | 1465 | 1466 | 1467 | 1468 | 1469 | 1470 | 1471 | 1472 | 1473 | 1474 | 1475 | 1476 | 1477 | 1478 | 1479 | 1480 | 1481 | 1482 | 1483 | 1484 | 1485 | 1486 | 1487 | 1488 | 1489 | 1490 | 1491 | 1492 | 1493 | 1494 | 1495 | 1496 | 1497 | 1498 | 1499 | 1500 | 1501 | 1502 | 1503 | 1504 | 1505 | 1506 | 1507 | 1508 | 1509 | 1510 | 1511 | 1512 | 1513 | 1514 | 1515 | 1516 | 1517 | 1518 | 1519 | 1520 | 1521 | 1522 | 1523 | 1524 | 1525 | 1526 | 1527 | 1528 | 1529 | 1530 | 1531 | 1532 | 1533 | 1534 | 1535 | 1536 | 1537 | 1538 | 1539 | 1540 | 1541 | 1542 | 1543 | 1544 | 1545 | 1546 | 1547 | 1548 | 1549 | 1550 | 1551 | 1552 | 1553 | 1554 | 1555 | 1556 | 1557 | 1558 | 1559 | 1560 | 1561 | 1562 | 1563 | 1564 | 1565 | 1566 | 1567 | 1568 | 1569 | 1570 | 1571 | 1572 | 1573 | 1574 | 1575 | 1576 | 1577 | 1578 | 1579 | 1580 | 1581 | 1582 | 1583 | 1584 | 1585 | 1586 | 1587 | 1588 | 1589 | 1590 | 1591 | 1592 | 1593 | 1594 | 1595 | 1596 | 1597 | 1598 | 1599 | 1600 | 1601 | 1602 | 1603 | 1604 | 1605 | 1606 | 1607 | 1608 | 1609 | 1610 | 1611 | 1612 | 1613 | 1614 | 1615 | 1616 | 1617 | 1618 | 1619 | 1620 | 1621 | 1622 | 1623 | 1624 | 1625 | 1626 | 1627 | 1628 | 1629 | 1630 | 1631 | 1632 | 1633 | 1634 | 1635 | 1636 | 1637 | 1638 | 1639 | 1640 | 1641 | 1642 | 1643 | 1644 | 1645 | 1646 | 1647 | 1648 | 1649 | 1650 | 1651 | 1652 | 1653 | 1654 | 1655 | 1656 | 1657 | 1658 | 1659 | 1660 | 1661 | 1662 | 1663 | 1664 | 1665 | 1666 | 1667 | 1668 | 1669 | 1670 | 1671 | 1672 | 1673 | 1674 | 1675 | 1676 | 1677 | 1678 | 1679 | 1680 | 1681 | 1682 | 1683 | 1684 | 1685 | 1686 | 1687 | 1688 | 1689 | 1690 | 1691 | 1692 | 1693 | 1694 | 1695 | 1696 | 1697 | 1698 | 1699 | 1700 | 1701 | 1702 | 1703 | 1704 | 1705 | 1706 | 1707 | 1708 | 1709 | 1710 | 1711 | 1712 | 1713 | 1714 | 1715 | 1716 | 1717 | 1718 | 1719 | 1720 | 1721 | 1722 | 1723 | 1724 | 1725 | 1726 | 1727 | 1728 | 1729 | 1730 | 1731 | 1732 | 1733 | 1734 | 1735 | 1736 | 1737 | 1738 | 1739 | 1740 | 1741 | 1742 | 1743 | 1744 | 1745 | 1746 | 1747 | 1748 | 1749 | 1750 | 1751 | 1752 | 1753 | 1754 | 1755 | 1756 | 1757 | 1758 | 1759 | 1760 | 1761 | 1762 | 1763 | 1764 | 1765 | 1766 | 1767 | 1768 | 1769 | 1770 | 1771 | 1772 | 1773 | 1774 | 1775 | 1776 | 1777 | 1778 | 1779 | 1780 | 1781 | 1782 | 1783 | 1784 | 1785 | 1786 | 1787 | 1788 | 1789 | 1790 | 1791 | 1792 | 1793 | 1794 | 1795 | 1796 | 1797 | 1798 | 1799 | 1800 | 1801 | 1802 | 1803 | 1804 | 1805 | 1806 | 1807 | 1808 | 1809 | 1810 | 1811 | 1812 | 1813 | 1814 | 1815 | 1816 | 1817 | 1818 | 1819 | 1820 | 1821 | 1822 | 1823 | 1824 | 1825 | 1826 | 1827 | 1828 | 1829 | 1830 | 1831 | 1832 | 1833 | 1834 | 1835 | 1836 | 1837 | 1838 | 1839 | 1840 | 1841 | 1842 | 1843 | 1844 | 1845 | 1846 | 1847 | 1848 | 1849 | 1850 | 1851 | 1852 | 1853 | 1854 | 1855 | 1856 | 1857 | 1858 | 1859 | 1860 | 1861 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | 1888 | 1889 | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 |