

Experiment Number: 96014 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
Time Report Requested: 09:41:46
First Dose M/F: 09/26/06 / 09/25/06
Lab: BAT

F1_Rev.1_M3

NTP Study Number: C96014B
Lock Date: 09/09/2009
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.6.0.0_007
PWG Approval Date: 02/02/2012

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B6C3F1 MICE MALE 0 mg/L	DAY ON TEST																									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	
	5	5	6	1	4	7	5	6	3	1	7	5	7	7	5	4	7	5	1	7	3	7	7	5	7	5	0		
	8	0	2	8	4	3	4	6	9	8	3	9	3	3	8	5	3	9	8	3	9	3	3	8	3	8	3	0	
	8	3	5	5	9	1	8	6	9	5	1	5	1	1	3	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	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	2	2	2	2	2	2	1	males (cont...)
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6			
Tension Lipidosis						X								X															
Hepatocyte, Necrosis		2	2																										
Oval Cell, Hyperplasia																													
Mesentery																													
Necrosis																													
Pancreas		+	+	+		+	+	+	+																				
Amyloid Deposition																													
Acinus, Atrophy																													
Salivary Glands		+	+	+		+	+	+	+																				
Stomach, Forestomach		+	+	+		+	+	+	+																				
Inflammation																													
Ulcer																													
Epithelium, Hyperplasia																													
Stomach, Glandular		+	+	+		+	+	+	+																				
Inflammation																													
Mineralization																													
Epithelium, Hyperplasia																													
Tooth		+		+																									
Dysplasia			+																										
Malformation		X		X		X																							

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+		+	+	+	+																					
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* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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B6C3F1 MICE MALE	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	males (cont...)
		5	5	6	1	4	7	5	6	3	1	7	5	7	7	5	4	7	5	1	7	3	7	7	5	
0 mg/L	ANIMAL ID	8	0	2	8	4	3	4	6	9	8	3	9	3	3	8	5	3	9	8	3	9	3	3	8	3
		8	3	5	5	9	1	8	6	9	5	1	5	1	1	3	8	0	0	0	5	0	9	1	1	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	0	0	0	0	0	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	2	2	2	2	2	
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

Heart	+	+	+		+	+	+	+				+	+	+	+	+	+	+			+		+	+	+	+
Cardiomyopathy	1				2	1		1				2			1	1		1			1		1	1	1	1
Arteriole, Hyperplasia					2																					
Arteriole, Inflammation					2																					
Atrium, Thrombosis			2	2																						
Epicardium, Fibrosis																										
Myocardium, Mineralization																										
Valve, Inflammation				4																						

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+		+	+	+	+				+	+	+	+	+	+	+	+			+		+	+	+	+
Hypertrophy																											
Adrenal Medulla	+	+	+		+	+	+	+				+	+	+	+	+	+	+	+			+		+	+	+	+
Angiectasis																							2				
Islets, Pancreatic	+	+	+		+	+	+	+				+	+	+	+	+	+	+	+			+		+	+	+	+
Parathyroid Gland	M	+	+		M	+	M	+				+	+	+	+	+	+	M	+			+		+	+	+	+
Pituitary Gland	+	+	+		+	+	+	+				+	+	+	+	+	+	+	+			+		+	+	+	+
Pars Distalis, Hyperplasia								1																			
Thyroid Gland	+	+	+		+	+	+	+				+	+	+	+	+	+	+	+			+		+	+	+	+
Follicle, Cyst																											

GENERAL BODY SYSTEM

NONE

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B6C3F1 MICE MALE	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	ANIMAL ID	males (cont...)	
		5	5	6	1	4	7	5	6	3	1	7	5	7	7	5	4	7	5	1	7	3	7	7	5			7
0 mg/L		8	0	2	8	4	3	4	6	9	8	3	9	3	3	8	5	3	9	8	3	9	3	3	8	3	0	
		8	3	5	5	9	1	8	6	9	5	1	5	1	1	3	8	0	0	5	0	9	1	1	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	0	0	
		0	0	0	0	0	0	0	0	0	0	0	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	2	2	2	2	2	2	0	
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	1	

GENITAL SYSTEM

Epididymis	+	+	+		+	+	+	+		+	+	+	+	+	+	+	+	+		+		+	+	+	+		
Inflammation					2																						
Epithelium, Degeneration																			3								
Preputial Gland	+	+	+		+	+	+	+		+	+	+	+	+	+	+	+	+		+		+	+	+	+		
Inflammation																						1					
Duct, Ectasia							2					2		2													
Prostate	+	+	+		+	+	+	+		+	+	+	+	+	+	+	+	+		+		+	+	+	+		
Inflammation											1																
Seminal Vesicle	+	+	+		+	+	+	+		+	+	+	+	+	+	+	+	+		+		+	+	+	+		
Dilatation																											
Inflammation																											
Testes	+	+	+		+	+	+	+		+	+	+	+	+	+	+	+	+		+		+	+	+	+		
Atrophy																											

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+		+	+	+	+		+	+	+	+	+	+	+	+	+		+		+	+	+	+		
Lymph Node, Mandibular	+	+	+		+	+	+	+		+	+	+	+	+	+	+	+	+		+		+	+	+	+		
Hyperplasia, Plasma Cell																											
Lymph Node, Mesenteric	+	+	+		+	+	+	+		+	+	+	+	+	+	+	+	+		+		+	+	+	+		
Hyperplasia, Plasma Cell																											
Spleen	+	+	+		+	+	+	+		+	+	+	+	+	+	+	+	+		+		+	+	+	+		

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B6C3F1 MICE MALE	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	0	0	0	0	0	0	0	0					
	ANIMAL ID	5	5	6	1	4	7	5	6	3	1	7	5	7	7	5	4	7	5	1	7	3	7	7	5	7	3	3	8	3	8	8	1	2	2	2	2	2	2	2	
0 mg/L		8	0	2	8	4	3	4	6	9	8	3	9	3	3	8	5	3	9	8	3	9	3	3	8	8	3	8	8	1	0	0	0	0	0	0	0	0			
		8	3	5	5	9	1	8	6	9	5	1	5	1	1	3	8	0	0	5	0	9	1	1	8	8	3	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	2	2	2	2	2	2	2	

males (cont...)

Hematopoietic Cell Proliferation Hyperplasia, Lymphoid

2 2

Thymus Mineralization

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

INTEGUMENTARY SYSTEM

Mammary Gland

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

Skin Ulcer

+ + + + + + + + + + + + + + + + + + + +

MUSCULOSKELETAL SYSTEM

Bone

+ + + + + + + + + + + + + + + + + + + +

NERVOUS SYSTEM

Brain

+ + + + + + + + + + + + + + + + + + + +

Peripheral Nerve Degeneration

+

Spinal Cord

+

RESPIRATORY SYSTEM

Lung Inflammation Thrombosis Alveolar Epithelium, Hyperplasia

+ 2 1 2

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

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| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE MALE | 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 | | |
| | | 5 | 5 | 6 | 1 | 4 | 7 | 5 | 6 | 3 | 1 | 7 | 5 | 7 | 7 | 5 | 4 | 7 | 5 | 1 | 7 | 3 | 7 | 7 | 5 | 7 |
| | | 8 | 0 | 2 | 8 | 4 | 3 | 4 | 6 | 9 | 8 | 3 | 9 | 3 | 3 | 8 | 5 | 3 | 9 | 8 | 3 | 9 | 3 | 3 | 8 | 3 |
| | | 8 | 3 | 5 | 5 | 9 | 1 | 8 | 6 | 9 | 5 | 1 | 5 | 1 | 1 | 3 | 8 | 0 | 0 | 5 | 0 | 9 | 1 | 1 | 8 | 1 |
| 0 mg/L | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 2 | 2 | 2 | 2 | 2 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

males
(cont...)

Perivascular, Infiltration Cellular, Mononuclear Cell

Nose
Inflammation

Trachea
Peritracheal Tissue, Cyst

SPECIAL SENSES SYSTEM

Eye
Cataract
Synechia
Optic Nerve, Degeneration
Retina, Dysplasia

Harderian Gland
Epithelium, Hyperplasia

URINARY SYSTEM

Kidney
Hydronephrosis
Infarct
Inflammation
Mineralization
Nephropathy
Papilla, Necrosis
Renal Tubule, Cyst

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|----------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|
| B6C3F1 MICE MALE
0 mg/L | DAY ON TEST | 0731 | 0731 | 0739 | 0739 | 0773 | 0771 | 0777 | 0744 | 0666 | 0336 | 0767 | 0777 | 0111 | 0666 | 0555 | 0777 | 0666 | 0555 | 0777 | 0777 | 0555 | 0777 | 0111 | 0111 | 0888 | 0888 | 0888 | males
(cont...) |
| | ANIMAL ID | 0002 | 0007 | 0008 | 0009 | 0000 | 0001 | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0009 | 0000 | 0001 | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0009 | 0000 | 0001 | 0000 | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 0 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| Esophagus | + | + | | + | + | + | + | + | | + | + | + | | + | + | + | + | + | + | + | + | | | | | | | | |
| Gallbladder | + | + | | + | + | + | + | + | | + | + | + | | + | + | + | + | + | + | + | + | | | | | | | | |
| Intestine Large, Cecum | + | + | | + | + | + | + | + | | + | + | + | | + | + | + | + | + | + | + | + | | | | | | | | |
| Intestine Large, Colon | + | + | | + | + | + | + | + | | + | + | + | | + | + | + | + | + | + | + | + | | | | | | | | |
| Intestine Large, Rectum | + | + | | + | + | + | + | + | | + | + | + | | + | + | + | + | + | + | + | + | | | | | | | | |
| Intestine Small, Duodenum | + | + | | + | + | + | + | + | | + | + | + | | + | + | + | + | + | + | + | + | | | | | | | | |
| Intestine Small, Ileum
Inflammation
Epithelium, Hyperplasia
Muscularis, Hyperplasia | + | + | | + | + | + | + | + | | + | + | + | | 2 | | 2 | | + | + | + | + | + | + | + | + | + | + | | |
| Intestine Small, Jejunum
Inflammation | + | + | | + | + | + | + | + | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Liver | + | + | | + | + | + | + | + | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clear Cell Focus | X | X | | | | | X | | | | | | X | | | X | X | | X | X | | | | | | X | | | |
| Eosinophilic Focus | | | | X | X | X | | X | | | | X | X | X | | X | X | X | | X | X | | | | | X | | | |
| Fatty Change | | | | | | | | 1 | | | | | 1 | | | 1 | | | 1 | 1 | | 1 | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | 1 | | | 1 | 2 | | | | | | 1 | | | | | | | | | | | | | | 2 | | |
| Mixed Cell Focus | | | | | | | X | X | | | | | | | | X | X | | X | X | | X | X | | | | | | |

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|--|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------------------|
| B6C3F1 MICE MALE

0 mg/L | DAY ON TEST | 0
7
3
1 | 0
7
3
1 | 0
3
9
9 | 0
3
7
9 | 0
7
1
7 | 0
7
3
0 | 0
4
2
9 | 0
6
9
6 | 0
3
6
9 | 0
6
7
1 | 0
7
3
0 | 0
1
8
5 | 0
6
8
8 | 0
5
2
2 | 0
7
3
1 | 0
6
8
4 | 0
5
7
4 | 0
7
3
1 | 0
7
8
0 | 0
5
3
1 | 0
7
8
0 | 0
1
3
5 | 0
7
8
5 | males
(cont...) |
| | ANIMAL ID | 0
0
0
2
6 | 0
0
0
2
7 | 0
0
0
2
8 | 0
0
0
2
9 | 0
0
0
3
0 | 0
0
0
3
1 | 0
0
0
3
2 | 0
0
0
3
3 | 0
0
0
3
4 | 0
0
0
3
5 | 0
0
0
3
6 | 0
0
0
3
7 | 0
0
0
3
8 | 0
0
0
3
9 | 0
0
0
4
0 | 0
0
0
4
1 | 0
0
0
4
2 | 0
0
0
4
3 | 0
0
0
4
4 | 0
0
0
4
5 | 0
0
0
4
6 | 0
0
0
4
7 | 0
0
0
4
8 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tension Lipidosis
Hepatocyte, Necrosis
Oval Cell, Hyperplasia | | 2 | | | 1 | X | | | | 2 | | | | | | | | | | | | | | | | |
| Mesentery
Necrosis | | + | | | | | | | | + | | | | | | | | | | | | | | | | |
| Pancreas
Amyloid Deposition
Acinus, Atrophy | | + | + | | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | 1 | 1 | | | | | |
| Salivary Glands | | + | + | | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Forestomach
Inflammation
Ulcer
Epithelium, Hyperplasia | | + | + | | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Glandular
Inflammation
Mineralization
Epithelium, Hyperplasia | | + | + | | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Tooth
Dysplasia
Malformation | | + | + | | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

CARDIOVASCULAR SYSTEM

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------|-----------------------|-----------------------|
| B6C3F1 MICE MALE
0 mg/L | DAY ON TEST | 0
7
3
1 | 0
7
3
1 | 0
3
9
9 | 0
3
9
9 | 0
7
3
1 | 0
7
3
4 | 0
7
4
2 | 0
6
3
9 | 0
3
6
4 | 0
6
7
3 | 0
7
7
3 | 0
1
6
8 | 0
5
2
3 | 0
7
6
4 | 0
5
8
3 | 0
7
7
3 | 0
5
8
3 | 0
7
5
8 | 0
1
3
0 | 0
7
3
8 | 0
1
0
5 | 0
8
8
5 | 0
1
5
5 | males
(cont...) | | |
| | ANIMAL ID | 0
0
0
2
6 | 0
0
0
2
7 | 0
0
0
2
8 | 0
0
0
2
9 | 0
0
0
3
0 | 0
0
0
3
1 | 0
0
0
3
2 | 0
0
0
3
3 | 0
0
0
3
4 | 0
0
0
3
5 | 0
0
0
3
6 | 0
0
0
3
7 | 0
0
0
3
8 | 0
0
0
4
9 | 0
0
0
4
0 | 0
0
0
4
1 | 0
0
0
4
2 | 0
0
0
4
3 | 0
0
0
4
4 | 0
0
0
4
5 | 0
0
0
4
6 | 0
0
0
4
7 | 0
0
0
4
8 | | 0
0
0
4
9 | 0
0
0
5
0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--|---|---|---|---|---|--|---|---|---|--|---|---|---|---|---|---|---|---|---|---|
| Epididymis
Inflammation
Epithelium, Degeneration | + | + | | + | + | + | + | + | | + | + | + | | + | + | + | + | + | + | + | + | + | |
| Preputial Gland
Inflammation
Duct, Ectasia | + | + | | + | + | + | + | + | | + | + | + | | + | + | + | + | + | + | + | + | + | + |
| Prostate
Inflammation | + | + | | + | + | + | + | + | | + | + | + | | + | + | + | + | + | + | + | + | + | + |
| Seminal Vesicle
Dilatation
Inflammation | + | + | | + | + | + | + | + | | + | + | + | | + | + | + | + | + | + | + | + | + | + |
| Testes
Atrophy | + | + | | + | + | + | + | + | | + | + | + | | + | + | + | + | + | + | + | + | + | + |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--|---|---|---|---|---|--|---|---|---|--|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | | + | + | + | + | + | | + | + | + | | + | + | + | + | + | + | + | + | + | + |
| Lymph Node, Mandibular
Hyperplasia, Plasma Cell | + | + | | + | + | + | + | + | | + | + | + | | + | + | + | + | + | + | + | + | + | + |
| Lymph Node, Mesenteric
Hyperplasia, Plasma Cell | + | + | | + | + | + | + | + | | + | + | + | | + | + | + | + | + | + | + | + | + | + |
| Spleen | + | + | | + | + | + | + | + | | + | + | + | | + | + | + | + | + | + | + | + | + | + |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------------|
| B6C3F1 MICE MALE | DAY ON TEST | 0
7
3
1 | 0
7
3
1 | 0
3
9
9 | 0
3
9
9 | 0
7
7
3 | 0
7
7
1 | 0
7
7
3 | 0
4
2
4 | 0
6
9
6 | 0
3
6
1 | 0
6
7
1 | 0
7
7
0 | 0
1
6
5 | 0
6
5
7 | 0
7
6
3 | 0
5
7
8 | 0
7
3
3 | 0
5
7
8 | 0
7
1
0 | 0
7
3
8 | 0
1
8
5 | 0
1
8
5 | males
(cont...) |
| | ANIMAL ID | 0
0
0
2
6 | 0
0
0
2
7 | 0
0
0
2
8 | 0
0
0
2
9 | 0
0
0
3
0 | 0
0
0
3
1 | 0
0
0
3
2 | 0
0
0
3
3 | 0
0
0
3
4 | 0
0
0
3
5 | 0
0
0
3
6 | 0
0
0
3
7 | 0
0
0
3
8 | 0
0
0
4
0 | 0
0
0
4
1 | 0
0
0
4
2 | 0
0
0
4
3 | 0
0
0
4
4 | 0
0
0
4
5 | 0
0
0
4
6 | 0
0
0
4
7 | 0
0
0
4
8 | |

Hematopoietic Cell Proliferation
 Hyperplasia, Lymphoid

2

Thymus
 Mineralization

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

INTEGUMENTARY SYSTEM

Mammary Gland

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

Skin
 Ulcer

+ + + + + + + + + + + + + + + +

MUSCULOSKELETAL SYSTEM

Bone

+ + + + + + + + + + + + + + + +

NERVOUS SYSTEM

Brain

+ + + + + + + + + + + + + + + +

Peripheral Nerve
 Degeneration

+
1

Spinal Cord

+

RESPIRATORY SYSTEM

Lung
 Inflammation
 Thrombosis
 Alveolar Epithelium, Hyperplasia

+ + + + + + + + + + + + + + + +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

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First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------------------|
| B6C3F1 MICE MALE | 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 | | |
| | ANIMAL ID | 7 | 7 | 3 | 3 | 7 | 7 | 7 | 4 | 6 | 3 | 6 | 7 | 7 | 1 | 6 | 5 | 7 | 6 | 5 | 7 | 7 | 5 | 7 | 1 | | 1 |
| 0 mg/L | | 3 | 3 | 9 | 9 | 3 | 1 | 3 | 4 | 2 | 9 | 4 | 3 | 3 | 8 | 8 | 2 | 3 | 7 | 8 | 3 | 3 | 8 | 3 | 8 | 8 | males
(cont...) |
| | | 1 | 1 | 9 | 9 | 1 | 7 | 0 | 9 | 6 | 9 | 1 | 1 | 0 | 5 | 8 | 2 | 1 | 4 | 4 | 1 | 0 | 1 | 0 | 5 | 5 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 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 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 0 |

Perivascular, Infiltration Cellular, Mononuclear Cell

Nose Inflammation + 2

Trachea Peritracheal Tissue, Cyst +

SPECIAL SENSES SYSTEM

Eye Cataract 2 Synechia 2 Optic Nerve, Degeneration 3 Retina, Dysplasia

Harderian Gland Epithelium, Hyperplasia +

URINARY SYSTEM

Kidney Hydronephrosis 2 Inflammation 1 Mineralization 1 2 Nephropathy 1 2 Papilla, Necrosis 2 1 2 1 2 2 2 1 1 1 1 1 1 2 1 1 Renal Tubule, Cyst 1 1

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

Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| B6C3F1 MICE MALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6 | 3 | 7 | 6 | 5 | 6 | 5 | 1 | 7 | 7 | 7 | 3 | 7 | 1 | 3 | 7 | 3 |
| 0 mg/L | ANIMAL ID | 5 | 9 | 3 | 8 | 7 | 3 | 1 | 8 | 3 | 3 | 9 | 3 | 8 | 9 | 3 | 8 | |
| | | 8 | 9 | 1 | 9 | 8 | 8 | 2 | 5 | 1 | 1 | 1 | 9 | 1 | 5 | 9 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |
| * TOTALS | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Gallbladder | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation | | | | | | | | | | 1 | | | | | | | 3 1.7 |
| Epithelium, Hyperplasia | | | | | | | | | | 2 | | | | | | | 2 2.0 |
| Muscularis, Hyperplasia | | | | | | | | | | | | | | | 1 | | 1 1.0 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation | | | | | | | | | | | | | | | | | 1 2.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Angiectasis | | | | | | | | | | | | | | | | | 1 3.0 |
| Basophilic Focus | | | | | | | | | | | | | | | | | 1 |
| Clear Cell Focus | | | X | | | | | | | X | | | | | X | | 18 |
| Eosinophilic Focus | X | X | X | X | X | X | | | X | X | | X | | X | | | 30 |
| Fatty Change | 1 | | | | | | | | | | | | | | | | 11 1.1 |
| Hematopoietic Cell Proliferation | | | | | | | | | 1 | | | | | | | | 1 1.0 |
| Inflammation | | | | | | | | | 1 | | | | | | | | 7 1.3 |
| Mixed Cell Focus | | | | | | | | | | X | | | | | | | 13 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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 M .. Missing tissue
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Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE MALE
0 mg/L | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|----------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ANIMAL ID | 6 | 3 | 7 | 6 | 5 | 6 | 5 | 1 | 7 | 7 | 7 | 3 | 7 | 1 | 3 | 7 | 3 |
| | | 5 | 9 | 3 | 8 | 7 | 3 | 1 | 8 | 3 | 3 | 3 | 9 | 3 | 8 | 9 | 3 | |
| | | 8 | 9 | 1 | 9 | 8 | 8 | 2 | 5 | 1 | 1 | 1 | 9 | 1 | 5 | 9 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |
| * TOTALS | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------|
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | 3 |
| Hepatocyte, Necrosis | | | | | | | | | | | | | | | | | | | 5 1.8 |
| Oval Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | 1 2.0 |

| | | | | | | | | | | | | | | | | | | | |
|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------|
| Mesentery | | | | | | | | | | | | | | | | | | | 7 |
| Necrosis | | | | | | | | | | | | | | | | | | | 5 3.0 |

| | | | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------|
| Pancreas | | | | | | | | | | | | | | | | | | | 50 |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Acinus, Atrophy | | | | | | | | | | | | | | | | | | | 2 1.5 |

| | | | | | | | | | | | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|
| Salivary Glands | | | | | | | | | | | | | | | | | | | 50 |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|

| | | | | | | | | | | | | | | | | | | | |
|-------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------|
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | 50 |
| Inflammation | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Ulcer | | | | | | | | | | | | | | | | | | | 3 2.0 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | 2 2.5 |

| | | | | | | | | | | | | | | | | | | | |
|-------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------|
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | 50 |
| Inflammation | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Mineralization | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | 2 4.0 |

| | | | | | | | | | | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------------|
| Tooth | | | | | | | | | | | | | | | | | | | 35 |
| Dysplasia | | | | | | | | | | | | | | | | | | | 1 |
| Malformation | | | | | | | | | | | | | | | | | | | 34 1.0 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|
| Blood Vessel | | | | | | | | | | | | | | | | | | | 50 |
|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|

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 X .. Lesion present
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 M .. Missing tissue
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 BLANK .. Not examined microscopically
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 2) Mild 4) Marked

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE MALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 6 | 3 | 7 | 6 | 5 | 6 | 5 | 1 | 7 | 7 | 7 | 3 | 7 | 1 | 3 | 7 | 3 |
| 0 mg/L | ANIMAL ID | 5 | 9 | 3 | 8 | 7 | 3 | 1 | 8 | 3 | 3 | 3 | 9 | 3 | 8 | 9 | 3 | 3 |
| | | 8 | 9 | 1 | 9 | 8 | 8 | 2 | 5 | 1 | 1 | 1 | 9 | 1 | 5 | 9 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |
| * TOTALS | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|----------------------------|---|--|---|---|---|---|---|--|---|---|---|--|---|--|---|--|---|---------------|
| Heart | + | | + | + | + | + | + | | + | + | + | | + | | + | | | 50 |
| Cardiomyopathy | | | | | 1 | 1 | 2 | | | | 1 | | | | 2 | | 2 | 31 1.2 |
| Arteriole, Hyperplasia | | | | | | | | | | | | | | | | | | 1 2.0 |
| Arteriole, Inflammation | | | | | | | | | | | | | | | | | | 1 1.0 |
| Atrium, Thrombosis | | | | | | | | | | | | | | | | | | 2 2.0 |
| Epicardium, Fibrosis | | | | | | | | | | | | | | | | | | 1 1.0 |
| Myocardium, Mineralization | | | | | | | | | | | | | | | | | | 1 2.0 |
| Valve, Inflammation | | | | | | | | | | | | | | | | | | 1 4.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | |
|----------------------------|---|--|---|---|---|---|---|--|---|---|---|---|---|---|---|---|--|---------------|
| Adrenal Cortex | + | | + | + | + | + | + | | + | + | + | | + | | + | | | 50 |
| Hypertrophy | | | | | | | | | | 1 | 2 | 1 | | 2 | | 3 | | 14 1.6 |
| Adrenal Medulla | + | | + | + | + | + | + | | + | + | + | | + | | + | | | 50 |
| Angiectasis | | | | | | | | | | | | | | | | | | 1 2.0 |
| Islets, Pancreatic | + | | + | + | + | + | + | | + | + | + | | + | | + | | | 50 |
| Parathyroid Gland | + | | + | + | + | + | + | | + | + | + | | + | | + | | | 44 |
| Pituitary Gland | + | | + | + | + | + | + | | + | + | + | | + | | + | | | 50 |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | 1 1.0 |
| Thyroid Gland | + | | + | + | + | + | + | | + | + | + | | + | | + | | | 50 |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | 1 1.0 |

GENERAL BODY SYSTEM

NONE

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

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| | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| B6C3F1 MICE MALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 6 | 3 | 7 | 6 | 5 | 6 | 5 | 1 | 7 | 7 | 7 | 3 | 7 | 1 | 3 | 7 | |
| 0 mg/L | ANIMAL ID | 5 | 9 | 3 | 8 | 7 | 3 | 1 | 8 | 3 | 3 | 3 | 9 | 3 | 8 | 9 | 3 | |
| | | 8 | 9 | 1 | 9 | 8 | 8 | 2 | 5 | 1 | 1 | 1 | 9 | 1 | 5 | 9 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | * TOTALS |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation | | | | | | | | | | | | | | | | | | 2 2.0 |
| Epithelium, Degeneration | | | | | | | | | | | | | | | | | | 1 3.0 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation | | | 1 | | | | | | | | | | | | | | | 7 1.9 |
| Duct, Ectasia | | | | | | | | | 2 | | | | | | | | | 6 2.0 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation | 2 | | | | | | | | | | | | | | | | | 3 1.7 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Dilatation | | | | | | | | | | | | | | | | | | 1 3.0 |
| Inflammation | | | | | | | | | | | | | | | | | | 2 2.5 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Atrophy | | | 1 | | | | | | | | | | | 2 | | | | 4 1.3 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | 3 2.0 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | 2 2.0 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

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

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| B6C3F1 MICE MALE | DAY ON TEST | | | | | | | | | | | | | | | ANIMAL ID | | | |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|---|-----------------|--------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | 0 |
| 0 mg/L | 6 | 3 | 7 | 6 | 5 | 6 | 5 | 1 | 7 | 7 | 7 | 3 | 7 | 1 | 3 | 7 | 0 | | |
| | 5 | 9 | 3 | 8 | 7 | 3 | 1 | 8 | 3 | 3 | 3 | 9 | 3 | 8 | 9 | 3 | 0 | | |
| | 8 | 9 | 1 | 9 | 8 | 8 | 2 | 5 | 1 | 1 | 1 | 9 | 1 | 5 | 9 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 1 | | |
| | | | | | | | | | | | | | | | | | | * TOTALS | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | 4 1.8 | |
| Thymus Mineralization | + | + | + | + | + | + | | + | + | + | | M | | + | | | | 45 | 1 1.0 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | M | | M | M | + | M | M | | M | M | + | | M | | M | | | 5 | |
| Skin Ulcer | + | | + | + | + | + | + | | + | + | + | | + | | + | | | 50 | 1 2.0 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | |
| Bone | + | | + | + | + | + | + | | + | + | + | | + | | + | | | 50 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | |
| Brain | + | | + | + | + | + | + | | + | + | + | | + | | + | | | 50 | |
| Peripheral Nerve Degeneration | | | | | | | | | | | | | | | | | | 2 | 1 1.0 |
| Spinal Cord | | | | | | | | | | | | | | | | | | 2 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | |
| Lung Inflammation | + | | + | + | + | + | + | | + | + | + | | + | | + | | | 50 | 1 2.0 |
| Thrombosis | | | | | | | | | | | | | | | | | | 1 | 1 1.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | 2 | 1.5 |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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| B6C3F1 MICE MALE | DAY ON TEST | | | | | | | | | | | | | | | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| | 0658 | 0399 | 0731 | 0689 | 0578 | 0658 | 0578 | 0112 | 0775 | 0775 | 0775 | 0339 | 0738 | 0115 | 0399 | |
| 0 mg/L | ANIMAL ID | | | | | | | | | | | | | | | |
| | 0051 | 0052 | 0053 | 0054 | 0055 | 0056 | 0057 | 0058 | 0059 | 0060 | 0061 | 0062 | 0063 | 0064 | 0065 | |
| | | | | | | | | | | | | | | | | * TOTALS |
| Perivascular, Infiltration Cellular, Mononuclear Cell | 1 | | | | | | | | | | | | | | | 1 1.0 |
| Nose Inflammation | + | + | + | + | + | + | | + | + | + | | + | | | | 50 |
| | | | | 1 | | 1 | 1 | | 1 | | | | | | | 5 1.2 |
| Trachea Peritracheal Tissue, Cyst | + | | + | + | + | + | | + | + | + | | + | | | | 50 |
| | 4 | | | | | | | | | | | | | | | 1 4.0 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | |
| Eye | + | | + | + | + | + | | + | + | + | | + | | | | 50 |
| Cataract | | | | | | | | | | | | | | | | 1 2.0 |
| Synechia | | | | | | | | | | | | | | | | 1 2.0 |
| Optic Nerve, Degeneration | | | | | | | | | | | | | | | | 1 3.0 |
| Retina, Dysplasia | | | | | | | | | | | | | | | | 1 2.0 |
| Harderian Gland Epithelium, Hyperplasia | + | | + | + | + | + | | + | + | + | | + | | | | 50 |
| | | | | | | | | | | | | | | | | 1 2.0 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | |
| Kidney | + | | + | + | + | + | | + | + | + | | + | | | | 50 |
| Hydronephrosis | | | | | | | | | | | | | | 1 | | 2 1.0 |
| Infarct | | | | | | | | | 1 | | | | | | | 3 1.7 |
| Inflammation | 4 | | | | | | | | | | | | | | | 3 3.0 |
| Mineralization | | | | | | | | | | | | | | | | 2 1.0 |
| Nephropathy | 2 | | 2 | 1 | | 3 | 1 | | 2 | 2 | 2 | | 1 | | 1 | 49 1.4 |
| Papilla, Necrosis | | | | | | | | | | | | | | | | 1 3.0 |
| Renal Tubule, Cyst | | | | | | | | | 1 | | | | | | | 4 1.0 |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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|----------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| | | 6 | 3 | 7 | 6 | 5 | 6 | 5 | 1 | 7 | 7 | 7 | 3 | 7 | 1 | 3 | 7 | 3 | 7 |
| 0 mg/L | ANIMAL ID | 5 | 9 | 3 | 8 | 7 | 3 | 1 | 8 | 3 | 3 | 3 | 9 | 3 | 8 | 9 | 3 | 3 | 3 |
| | | 8 | 9 | 1 | 9 | 8 | 8 | 2 | 5 | 1 | 1 | 1 | 9 | 1 | 5 | 9 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 6 | |
| * TOTALS | | | | | | | | | | | | | | | | | | | |
| Ureter | | | | | | | | | | | | | | | | | | | 1 |
| Urethra | | | | | | | | | | | | | | | | | | | 1 |
| Urinary Bladder | | + | | | | | | | | + | + | + | | | | | | | 50 |
| Inflammation | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | 1 2.0 |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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|-------------------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------------|
| B6C3F1 MICE MALE | DAY ON TEST | 0
7 | 0
7 | 0
1 | 0
7 | 0
4 | 0
7 | 0
7 | 0
6 | 0
3 | 0
7 | 0
7 | 0
7 | 0
7 | 0
3 | 0
4 | 0
6 | 0
3 | 0
7 | 0
5 | 0
6 | 0
6 | 0
6 | 0
6 | 0
6 | 0
7 | males
(cont...) |
| | 250 mg/L | 1
7 | 3
1 | 8
5 | 3
1 | 3
3 | 1
2 | 0
0 | 3
1 | 9
9 | 3
1 | 3
1 | 3
1 | 3
0 | 3
1 | 9
9 | 3
4 | 7
7 | 9
9 | 3
0 | 3
3 | 3
9 | 1
3 | 7
4 | 1
8 | 3
0 | |
| | ANIMAL ID | 0
1
0
1 | 0
0
0
2 | 0
0
0
3 | 0
0
0
4 | 0
0
0
5 | 0
0
0
6 | 0
0
0
7 | 0
0
0
8 | 0
0
0
9 | 0
0
0
0 | 0
0
0
1 | 0
0
0
2 | 0
0
0
3 | 0
0
0
4 | 0
0
0
5 | 0
0
0
6 | 0
0
0
7 | 0
0
0
8 | 0
0
0
9 | 0
0
0
0 | 0
0
0
1 | 0
0
0
2 | 0
0
0
3 | 0
0
0
4 | 0
0
0
5 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Lymphoid Tissue, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum
Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum
Peyer's Patch, Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clear Cell Focus | | | | | X | | | | X | X | | | | | X | | | X | | | | | | | X |
| Eosinophilic Focus | X | | X | X | X | X | | X | | | X | X | | | | | X | | X | X | | | | | X |
| Fatty Change | | | | | 1 | | | | | | | | | | | | | | | | | | | | |
| Fatty Change, Focal | | | | | | | | | | | | | | | | | | | | | | | | | |
| Focus Of Cellular Alteration, Atypical | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | 2 | | | | | | | | 1 | | | 1 | | | 2 | | | | | | |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------------|--|
| B6C3F1 MICE MALE | 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 | |
| | ANIMAL ID | 7 | 7 | 1 | 7 | 4 | 7 | 7 | 6 | 3 | 7 | 7 | 7 | 7 | 7 | 3 | 4 | 6 | 3 | 7 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | |
| 250 mg/L | | 1 | 3 | 8 | 3 | 3 | 1 | 0 | 3 | 9 | 3 | 3 | 3 | 3 | 9 | 3 | 7 | 9 | 3 | 3 | 3 | 1 | 7 | 1 | 3 | 0 | | |
| | | 7 | 1 | 5 | 1 | 3 | 2 | 0 | 1 | 9 | 1 | 1 | 1 | 0 | 1 | 9 | 4 | 7 | 9 | 0 | 3 | 9 | 3 | 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 | 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 | | | |
| | | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | | | |

Cardiomyopathy
Arteriole, Inflammation

2 2 1 1 2 1 1 1 1 1 1 1 2 1 2 1 1 1 1 1 1 1

ENDOCRINE SYSTEM

Adrenal Cortex
Angiectasis
Hyperplasia
Hypertrophy

+
1 2 3 2 2 1 1 2 1

Adrenal Medulla
Hyperplasia

+
4

Islets, Pancreatic

+ +

Parathyroid Gland

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

Pituitary Gland
Cyst
Pars Distalis, Hyperplasia

+
2
1

Thyroid Gland
Cyst
C-cell, Hyperplasia
Follicle, Cyst

+
1

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

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

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE MALE
250 mg/L | DAY ON TEST | 07 | 07 | 01 | 07 | 04 | 07 | 07 | 06 | 03 | 07 | 07 | 07 | 07 | 07 | 03 | 04 | 06 | 03 | 07 | 05 | 06 | 06 | 06 | 06 | 07 | ANIMAL ID | males
(cont...) |
|------------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|--------------------|
| | 07 | 03 | 08 | 03 | 03 | 01 | 00 | 03 | 09 | 03 | 03 | 03 | 03 | 03 | 09 | 03 | 07 | 09 | 03 | 03 | 03 | 09 | 03 | 01 | 07 | 01 | | |
| | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | |
| | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 02 | 02 | 02 | 02 | 02 | 02 | |
| | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 00 | 01 | 02 | 03 | 04 | 05 | 05 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|--|---|---|---|---|---|---|---|---|---|---|---|--|---|---|--|---|---|---|---|---|---|---|---|
| Epididymis | + | + | | + | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + |
| Atrophy | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| Hypospermia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Degeneration | | | | | | | | | | | | | | | | | 2 | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Penis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|--|---|---|---|---|---|--|---|---|---|---|---|--|---|---|--|---|---|---|---|---|---|---|---|
| Preputial Gland | + | + | | + | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Duct, Ectasia | | | | | | | | 2 | | | | | | 2 | | | | | | | | | | 3 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|---|--|---|---|---|---|---|--|---|---|---|---|---|--|---|---|--|---|---|---|---|---|---|---|---|
| Prostate | + | + | | + | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + |
| Inflammation | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|--|---|---|---|---|---|--|---|---|---|---|---|--|---|---|--|---|---|---|---|---|---|---|---|
| Seminal Vesicle | + | + | | + | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dilatation | | | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|---|---|--|---|---|---|---|---|--|---|---|---|---|---|--|---|---|--|---|---|---|---|---|---|---|---|
| Testes | + | + | | + | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + |
| Atrophy | | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Fibrosis | | 2 | | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|--|---|---|---|---|---|--|---|---|---|---|---|--|---|---|--|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | | + | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
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BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
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Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

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

Date Report Requested: 07/05/2012
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 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE MALE | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 7 | 7 | 1 | 7 | 4 | 7 | 7 | 6 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 3 | 4 | 6 | 3 | 7 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 250 mg/L | ANIMAL ID | 1 | 3 | 8 | 3 | 3 | 1 | 0 | 3 | 9 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 7 | 9 | 3 | 3 | 3 | 3 | 1 | 7 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 7 | 1 | 5 | 1 | 3 | 2 | 0 | 1 | 9 | 1 | 1 | 1 | 0 | 1 | 9 | 4 | 7 | 9 | 0 | 3 | 9 | 3 | 3 | 4 | 3 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

males
(cont...)

Necrosis

Lymph Node
 Lumbar, Hyperplasia, Lymphoid
 Lumbar, Hyperplasia, Plasma Cell

Lymph Node, Mandibular
 Hyperplasia, Lymphoid
 Hyperplasia, Plasma Cell

Lymph Node, Mesenteric
 Hematopoietic Cell Proliferation
 Hyperplasia, Plasma Cell

Spleen
 Hematopoietic Cell Proliferation
 Hyperplasia, Lymphoid

Thymus
 Atrophy

INTEGUMENTARY SYSTEM

Mammary Gland

Skin
 Ulcer
 Dermis, Fibrosis
 Epidermis, Hyperplasia

MUSCULOSKELETAL SYSTEM

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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Experiment Number: 96014 - 06

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CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE MALE | 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 | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ANIMAL ID | 7 | 7 | 1 | 7 | 4 | 7 | 7 | 6 | 3 | 7 | 7 | 7 | 7 | 7 | 3 | 4 | 6 | 3 | 7 | 5 | 6 | 6 | 6 | 6 | 7 |
| 250 mg/L | | | 1 | 3 | 8 | 3 | 3 | 1 | 0 | 3 | 9 | 3 | 3 | 3 | 3 | 9 | 3 | 7 | 9 | 3 | 3 | 3 | 1 | 7 | 1 | 3 |
| | | 7 | 1 | 5 | 1 | 3 | 2 | 0 | 1 | 9 | 1 | 1 | 1 | 0 | 1 | 9 | 4 | 7 | 9 | 0 | 3 | 9 | 3 | 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 | |
| | | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| Bone
Femur, Osteopetrosis | | + | + | | + | + | + | + | | | + | + | + | + | + | | + | + | | + | + | + | + | + | + | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | | + | + | | + | + | + | + | | | + | + | + | + | + | | + | + | | + | + | + | + | + | + | |
| Peripheral Nerve
Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spinal Cord
Demyelination | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung
Thrombosis | | + | + | | + | + | + | + | | | + | + | + | + | + | | + | + | | + | + | | + | + | + | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose
Inflammation | | + | + | | + | + | + | + | | | + | + | + | + | + | | + | + | | + | + | + | + | + | + | |
| Glands, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Metaplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | | + | + | | + | + | + | + | | | + | + | + | + | + | | + | + | | + | + | + | + | + | + | |

males (cont...)

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE 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 | 0 | 0 | 0 | |
| | 7 | 7 | 1 | 7 | 4 | 7 | 7 | 6 | 3 | 7 | 7 | 7 | 7 | 7 | 3 | 4 | 6 | 3 | 7 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | |
| | 1 | 3 | 8 | 3 | 3 | 1 | 0 | 3 | 9 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 7 | 9 | 3 | 3 | 3 | 1 | 7 | 1 | 3 | | |
| | 7 | 1 | 5 | 1 | 3 | 2 | 0 | 1 | 9 | 1 | 1 | 1 | 0 | 1 | 9 | 4 | 7 | 9 | 0 | 3 | 9 | 3 | 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 | 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 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|--|---|---|---|---|---|--|---|---|---|---|---|--|---|---|--|---|---|---|---|---|---|---|
| Eye | + | + | | + | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | + | + | + |
| Cornea, Inflammation | | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Optic Nerve, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | |
| Retina, Dysplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | | + | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | + | + | + |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | 1 | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|--|---|---|---|---|---|--|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | | + | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | + | + | + |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mononuclear Cell | | | | 2 | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | 1 | 2 | | | | | | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | 2 | 2 | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 2 | 2 | | 2 | | 2 | 1 | 2 | 2 | 2 | 1 | 1 | |
| Renal Tubule, Cyst | | | | 3 | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Hyperplasia | | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 |
| Urinary Bladder | + | + | | + | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | + | + | + |

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

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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------------|---|---|---|---|---|---|---|---|
| B6C3F1 MICE MALE | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 1 | 7 | 1 | 5 | 7 | 7 | 6 | 5 | 7 | 1 | 6 | 4 | 6 | 1 | 6 | 7 | 1 | 3 | 7 | 3 | 7 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | | 8 | 3 | 8 | 8 | 3 | 3 | 1 | 1 | 3 | 8 | 7 | 8 | 3 | 8 | 7 | 3 | 8 | 9 | 0 | 9 | 3 | 9 | 9 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 250 mg/L | ANIMAL ID | 5 | 0 | 5 | 1 | 0 | 1 | 1 | 3 | 1 | 5 | 9 | 4 | 3 | 5 | 9 | 1 | 5 | 9 | 4 | 9 | 1 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Large, Cecum
Lymphoid Tissue, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | 3 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Intestine Large, Colon
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Ileum
Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Jejunum
Peyer's Patch, Hyperplasia, Lymphoid | + | + | + | + | + | + | + | 3 | 3 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Basophilic Focus | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clear Cell Focus | | | | | | | X | | X | | X | | | | | | X | | | | X | | X | | X | | X | | X | | X | | X | | X | | |
| Eosinophilic Focus | X | | | X | X | | X | X | | X | | X | | X | | X | X | | X | | X | | X | | X | | X | | X | | X | | X | | X | | |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fatty Change, Focal | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Focus Of Cellular Alteration, Atypical | X | | | | | | | | | | | | | X | | X | | | | | | | | X | | X | | X | | X | | X | | X | | X | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| B6C3F1 MICE MALE
250 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
| | 0185 | 0173 | 0115 | 0157 | 0177 | 0166 | 0155 | 0177 | 0113 | 0188 | 0177 | 0163 | 0188 | 0173 | 0159 | 0167 | 0131 | 0173 | 0137 | 0133 | 0135 | 0139 | 0139 | 0131 | 0155 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Mixed Cell Focus
Tension Lipidosis
Bile Duct, Cyst
Hepatocyte, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | | | | | 3 | | 1 | | 2 | | 2 | | | | | | | | | | | | | | |
| Mesentery
Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas
Acinus, Hyperplasia | + | | + | + | + | + | + | + | | + | + | + | | + | + | | | | + | + | | | | + | + | | |
| Salivary Glands
Hyperplasia | + | | + | + | + | + | + | + | | + | + | + | | + | + | | | | + | + | | | | + | + | | |
| Stomach, Forestomach
Inflammation
Ulcer | + | | + | + | + | + | + | + | | + | + | + | | + | + | | | | + | + | | | | | 2 | | |
| Stomach, Glandular
Glands, Ectasia | + | | + | + | + | + | + | + | | + | + | + | | + | + | | | | + | + | | | | + | + | | |
| Tooth
Malformation
Peridental Tissue, Fibrosis
Peridental Tissue, Inflammation | + | | | | + | + | | | | | | | | + | + | + | | | | | | | | | | | |
| | X | | | | | | X | | | | | | | X | X | X | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

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

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

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE MALE | 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 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ANIMAL ID | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

Cardiomyopathy
Arteriole, Inflammation

1 1 2 1 2 1 2 2 1 1

males
(cont...)

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex
Angiectasis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyper trophy | 4 | | | 2 | 2 | | | | | | | | 1 | 1 | 1 | | | | 2 | 1 | | | | | | | | | | | | | | |
| Adrenal Medulla
Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M |
| Pituitary Gland
Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Pars Distalis, Hyperplasia | 1 | | | | 2 | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| Thyroid Gland
Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| C-cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
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Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

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CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

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First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------------------|------------------|------------------|
| B6C3F1 MICE MALE
250 mg/L | DAY ON TEST | 0
1
8
5 | 0
7
3
0 | 0
1
8
5 | 0
5
8
1 | 0
7
3
0 | 0
7
3
1 | 0
6
1
1 | 0
5
3
3 | 0
7
1
1 | 0
6
8
5 | 0
1
7
9 | 0
6
8
4 | 0
4
3
3 | 0
6
1
5 | 0
6
7
9 | 0
1
3
5 | 0
7
9
4 | 0
3
9
4 | 0
7
3
1 | 0
3
9
9 | 0
3
9
9 | 0
5
1
1 | 0
5
3
3 | males
(cont...) | | |
| | ANIMAL ID | 0
1
2
6 | 0
0
1
7 | 0
0
1
8 | 0
0
1
9 | 0
0
1
0 | 0
0
1
1 | 0
0
1
2 | 0
0
1
3 | 0
0
1
3 | 0
0
1
4 | 0
0
1
5 | 0
0
1
6 | 0
0
1
7 | 0
0
1
8 | 0
0
1
9 | 0
0
1
0 | 0
0
1
1 | 0
0
1
2 | 0
0
1
3 | 0
0
1
4 | 0
0
1
5 | 0
0
1
6 | 0
0
1
7 | | 0
0
1
8 | 0
0
1
9 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 |

Necrosis

3

Lymph Node
Lumbar, Hyperplasia, Lymphoid
Lumbar, Hyperplasia, Plasma Cell

Lymph Node, Mandibular
Hyperplasia, Lymphoid
Hyperplasia, Plasma Cell

Lymph Node, Mesenteric
Hematopoietic Cell Proliferation
Hyperplasia, Plasma Cell

Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid

Thymus
Atrophy

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|--|---|---|---|--|---|---|--|---|---|--|--|--|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | + | + | + | + | + | + | + | | + | + | + | | + | + | | + | + | | | | + | + | | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | + | + | + | + | + | + | + | | + | + | + | | + | + | | + | + | | | | + | + | | + | + |
| | | | | 1 | | | 2 | | | | | | | | | | | | | | | | | | |
| | + | + | + | + | + | + | + | | + | + | + | | + | + | | + | + | | | | | | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | M | + | + | + | + | + | + | | + | + | + | | + | + | | + | + | | | | | + | + | | |

INTEGUMENTARY SYSTEM

Mammary Gland

Skin
Ulcer
Dermis, Fibrosis
Epidermis, Hyperplasia

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|--|---|---|---|--|---|---|--|---|---|--|--|--|--|---|---|--|
| | + | M | M | M | M | M | M | | M | M | M | | M | M | | M | M | | | | | M | M | |
| | + | + | + | + | + | + | + | | + | + | + | | + | + | | + | + | | | | | + | + | |
| | | | | 4 | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE MALE
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 | 0 | ANIMAL ID | males
(cont...) |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------------|
| | | 1 | 7 | 1 | 5 | 7 | 7 | 6 | 5 | 7 | 1 | 6 | 4 | 6 | 1 | 6 | 7 | 1 | 3 | 7 | 3 | 7 | 3 | 3 | 3 | 5 | 5 | | |
| | | 8 | 3 | 8 | 8 | 3 | 3 | 1 | 1 | 3 | 8 | 7 | 8 | 3 | 8 | 7 | 3 | 8 | 9 | 0 | 9 | 3 | 9 | 9 | 9 | 1 | 3 | | |
| | | 5 | 0 | 5 | 1 | 0 | 1 | 1 | 3 | 1 | 5 | 9 | 4 | 3 | 5 | 9 | 1 | 5 | 9 | 4 | 9 | 1 | 9 | 9 | 1 | 3 | | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 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 | 1 | | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|--|--|---|--|---|---|---|---|---|---|---|--|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Bone
Femur, Osteopetrosis | | | + | | + | + | + | + | + | + | + | | + | + | + | | | | | | | | | | | | | | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|--|--|---|--|---|---|---|---|---|---|--|--|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Brain | | | + | | + | + | + | + | + | + | | | + | + | + | | | | | | | | | | | | | | |
| Peripheral Nerve
Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spinal Cord
Demyelination | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|---|--|---|---|---|---|---|---|---|--|--|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Lung
Thrombosis | | | + | | + | + | + | + | + | + | + | | | + | + | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose
Inflammation | | | + | | + | + | + | + | + | + | + | | | + | + | + | | | | | | | | | | | | | |
| Glands, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Metaplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | | | + | | + | + | + | + | + | + | + | | | + | + | + | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE MALE
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 | 0 | 0 |
| | | 1 | 7 | 1 | 5 | 7 | 7 | 6 | 5 | 7 | 1 | 6 | 4 | 6 | 1 | 6 | 7 | 1 | 3 | 7 | 3 | 7 | 3 | 3 | 5 | 5 | 5 | 5 |
| | | 8 | 3 | 8 | 8 | 3 | 3 | 1 | 1 | 3 | 8 | 7 | 8 | 3 | 8 | 7 | 3 | 8 | 9 | 0 | 9 | 3 | 9 | 9 | 1 | 3 | 3 | 3 |
| | | 5 | 0 | 5 | 1 | 0 | 1 | 1 | 3 | 1 | 5 | 9 | 4 | 3 | 5 | 9 | 1 | 5 | 9 | 4 | 9 | 1 | 9 | 9 | 1 | 3 | 3 | 3 |
| 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 | 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 | 1 | 1 | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 0 | 0 | |

males (cont...)

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cornea, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Optic Nerve, Degeneration | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Retina, Dysplasia | | | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Hyperplasia | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

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

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

Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| B6C3F1 MICE MALE
250 mg/L | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | ANIMAL ID | 6 | 6 | 7 | 7 | 6 | 7 | 7 | 1 | 7 | 7 | 3 | 7 | 7 | 6 | 1 | 7 | |
| | | 3 | 8 | 3 | 3 | 9 | 3 | 3 | 8 | 0 | 3 | 9 | 1 | 3 | 0 | 8 | 1 | |
| | | 7 | 4 | 1 | 1 | 7 | 0 | 1 | 5 | 2 | 1 | 9 | 4 | 1 | 9 | 5 | 7 | |
| | | 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 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Intestine Large, Cecum
Lymphoid Tissue, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 3.0 |
| Intestine Large, Colon
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 3.0 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Ileum
Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 2.0 |
| Intestine Small, Jejunum
Peyer's Patch, Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 2 3.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Basophilic Focus | | | | | | | | | | | | X | | | | | | 2 |
| Clear Cell Focus | X | | | | | | | | | | | | X | | | | | 14 |
| Eosinophilic Focus | X | | X | X | X | | X | | X | | X | X | | | | X | | 33 |
| Fatty Change | | | | | | | | | | | | | | | | | | 1 1.0 |
| Fatty Change, Focal | | | | | | | | | | | | | | | | | | 1 2.0 |
| Focus Of Cellular Alteration, Atypical | | | | | | | | | | | | | | | | X | | 19 |
| Infarct | | | | | | | | | | | | | | | | | | 1 4.0 |
| Inflammation | | | | | | | 2 | | | | | | | | | | | 6 1.5 |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE MALE
250 mg/L | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID | * TOTALS |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|
| | | 6 | 6 | 7 | 7 | 6 | 7 | 7 | 1 | 7 | 7 | 3 | 7 | 7 | 6 | 1 | 7 | | |
| | | 3 | 8 | 3 | 3 | 9 | 3 | 3 | 8 | 0 | 3 | 9 | 1 | 3 | 0 | 8 | 1 | | |
| | | 7 | 4 | 1 | 1 | 7 | 0 | 1 | 5 | 2 | 1 | 9 | 4 | 1 | 9 | 5 | 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 | | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | | |

Mixed Cell Focus
Tension Lipidosis
Bile Duct, Cyst
Hepatocyte, Necrosis

6
1
1 2.0
9 1.9

2 2

Mesentery
Necrosis

1
1 3.0

+
3

Pancreas
Acinus, Hyperplasia

50
1 2.0

+ + + + + + + + + + + + +

Salivary Glands
Hyperplasia

50
1 2.0

+ + + + + + + + + + + + +

2

Stomach, Forestomach
Inflammation
Ulcer

50
1 1.0
1 2.0

+ + + + + + + + + + + + +

1

Stomach, Glandular
Glands, Ectasia

50
1 1.0

+ + + + + + + + + + + + +

1

Tooth
Malformation
Peridontal Tissue, Fibrosis
Peridontal Tissue, Inflammation

22
20
2 2.0
1 2.0

+ + + + + + + + + + +

X X

X

X

CARDIOVASCULAR SYSTEM

Blood Vessel

50

+ + + + + + + + + + + + +

Heart

50

+ + + + + + + + + + + + +

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

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

Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| B6C3F1 MICE MALE
250 mg/L | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | ANIMAL ID | 6 | 6 | 7 | 7 | 6 | 7 | 7 | 1 | 7 | 7 | 3 | 7 | 7 | 6 | 1 | 7 | 7 | |
| | | 3 | 8 | 3 | 3 | 9 | 3 | 3 | 8 | 0 | 3 | 9 | 1 | 3 | 0 | 8 | 1 | | |
| | | 7 | 4 | 1 | 1 | 7 | 0 | 1 | 5 | 2 | 1 | 9 | 4 | 1 | 9 | 5 | 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 | | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | | |
| Cardiomyopathy | | 2 | 2 | | 1 | 1 | 2 | 2 | | 2 | 1 | | 2 | 1 | 1 | | 1 | | 41 1.4 |
| Arteriole, Inflammation | | | | | | | | 2 | | | | | | | | | | | 1 2.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|--|---|---|--|---|---|---|--|---|---|----|-------|--------|
| Adrenal Cortex | + | + | + | + | + | + | + | | + | + | | + | + | + | | + | | 50 | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Hypertrophy | | | | | 1 | 1 | 1 | | | | | | | | | | 1 | | | 21 1.6 |
| Adrenal Medulla | + | + | + | + | + | + | + | | + | + | | + | + | + | | + | | 50 | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Islets, Pancreatic | + | + | + | + | + | + | + | | + | + | | + | + | + | | + | | 50 | | |
| Parathyroid Gland | + | + | + | + | + | + | + | | + | + | | M | + | M | | + | | 45 | | |
| Pituitary Gland | + | + | + | + | + | + | + | | + | + | | M | + | + | | + | | 49 | | |
| Cyst | | | | | | | | | | 1 | | | | | | | | | 5 1.4 | |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | | 2 1.0 | |
| Thyroid Gland | + | + | + | + | + | + | + | | + | + | | + | + | + | | + | | 50 | | |
| Cyst | | | | | | | | | | | | | | 2 | | | | | 1 2.0 | |
| C-cell, Hyperplasia | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Follicle, Cyst | | | | | | | 2 | | | | | 1 | 2 | | | | | | 3 1.7 | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

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

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE MALE
250 mg/L | DAY ON TEST | | | | | | | | | | | | | | | * TOTALS | |
|------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-----|
| | 0637 | 0684 | 0731 | 0771 | 0776 | 0777 | 0811 | 0872 | 0877 | 0931 | 0939 | 0941 | 0976 | 0981 | 0987 | | |
| ANIMAL ID | 00151 | 00055 | 00055 | 00055 | 00055 | 00055 | 00055 | 00055 | 00055 | 00056 | 00061 | 00062 | 00066 | 00066 | 00066 | | |
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Atrophy | | 3 | | | | | | | 1 | | | 4 | | | | 7 | 1.9 |
| Hypospermia | | 2 | | | | | | | | | | | | | | 1 | 2.0 |
| Inflammation | | 2 | | | | | | | | | | | | | | 1 | 2.0 |
| Epithelium, Degeneration | | | | | | | | | | | | | | | | 1 | 2.0 |
| Penis | | | | | | + | | | | | | | | | | 1 | |
| Hyperplasia, Squamous | | | | | | 3 | | | | | | | | | | 1 | 3.0 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Atrophy | | | | | | | | | | | 2 | | | | | 1 | 2.0 |
| Inflammation | 1 | | | | | | | | | | | | | | 1 | 4 | 1.3 |
| Duct, Ectasia | | | | | | 3 | | | 2 | | | | 3 | | | 6 | 2.5 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation | | 4 | | | | | | | | | | | | | | 3 | 2.0 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Atrophy | | | | | | | | | | | | | | | | 1 | 2.0 |
| Dilatation | | | | | | | | | | | | | | | | 1 | 3.0 |
| Inflammation | | 4 | | | | | | | | | | | | | | 2 | 3.5 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Atrophy | | 2 | | | | | | | 1 | | 3 | | | | | 6 | 2.2 |
| Fibrosis | | | | | | | | | | | | | | | | 1 | 2.0 |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | 2 | | | | | | | | | | | | | | 2 | 2.0 |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE MALE
250 mg/L | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID | |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|--|
| | | 6 | 6 | 7 | 7 | 6 | 7 | 7 | 1 | 7 | 7 | 3 | 7 | 7 | 6 | 1 | 7 | | |
| | | 3 | 8 | 3 | 3 | 9 | 3 | 3 | 8 | 0 | 3 | 9 | 1 | 3 | 0 | 8 | 1 | | |
| | | 7 | 4 | 1 | 1 | 7 | 0 | 1 | 5 | 2 | 1 | 9 | 4 | 1 | 9 | 5 | 7 | | |
| | | 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 | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | | |
| | | | | | | | | | | | | | | | | | | * TOTALS | |

Necrosis 1 3.0

Lymph Node + 1

Lumbar, Hyperplasia, Lymphoid 3 1 3.0

Lumbar, Hyperplasia, Plasma Cell 2 1 2.0

Lymph Node, Mandibular + + + + + + + + + + + + + 50

Hyperplasia, Lymphoid 1 2.0

Hyperplasia, Plasma Cell 2 1 2.0

Lymph Node, Mesenteric + + + + + + + + + + M + + + 48

Hematopoietic Cell Proliferation 2 1 2.0

Hyperplasia, Plasma Cell 2 4 1.8

Spleen + + + + + + + + + + + + + 50

Hematopoietic Cell Proliferation 3 3 3 3.0

Hyperplasia, Lymphoid 2 7 2.1

Thymus + + + + + + + + + + M + + + 45

Atrophy 1 1.0

INTEGUMENTARY SYSTEM

Mammary Gland M + M M M M M M M M M M M M M 3

Skin + + + + + + + + + + + + + 50

Ulcer 3 2 3.5

Dermis, Fibrosis 3 1 3.0

Epidermis, Hyperplasia 2 1 2.0

MUSCULOSKELETAL SYSTEM

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE MALE
250 mg/L | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | ANIMAL ID | 6 | 6 | 7 | 7 | 6 | 7 | 7 | 1 | 7 | 7 | 3 | 7 | 7 | 6 | 1 | 7 | |
| | | 3 | 8 | 3 | 3 | 9 | 3 | 3 | 8 | 0 | 3 | 9 | 1 | 3 | 0 | 8 | 1 | |
| | | 7 | 4 | 1 | 1 | 7 | 0 | 1 | 5 | 2 | 1 | 9 | 4 | 1 | 9 | 5 | 7 | |
| | | 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 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |
| | | | | | | | | | | | | | | | | | | |
| Bone | | + | + | + | + | + | + | + | | + | + | | + | + | + | | + | 50 |
| Femur, Osteopetrosis | | | | | | | | | | | | | | | | | | 1 2.0 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | 2 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | |
| Brain | | + | + | + | + | + | + | + | | + | + | | + | + | + | | + | 50 |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | 1 |
| Degeneration | | | | | | | | | | | | | | | | | | 1 2.0 |
| Spinal Cord | | | | | | | | | | | | | | | | | | 1 |
| Demyelination | | | | | | | | | | | | | | | | | | 1 1.0 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | |
| Lung | | + | + | + | + | + | + | + | | + | + | | + | + | + | | + | 50 |
| Thrombosis | | | | | | | | | | | | | | | | | | 2 2.5 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | 2 2.0 |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | 1 3.0 |
| Nose | | + | + | + | + | + | + | + | | + | + | | + | + | + | | + | 50 |
| Inflammation | | | | | | | | | | | | | | | | | | 9 1.0 |
| Glands, Hyperplasia | | | | | | | | | | | | | | | | | | 3 1.0 |
| Respiratory Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | 1 2.0 |
| Respiratory Epithelium, Metaplasia | | | | | | | | | | | | | | | | | | 1 2.0 |
| Trachea | | + | + | + | + | + | + | + | | + | + | | + | + | + | | + | 50 |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

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Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

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First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| B6C3F1 MICE MALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 6 | 6 | 7 | 7 | 6 | 7 | 7 | 1 | 7 | 7 | 3 | 7 | 7 | 6 | 1 | 7 | |
| 250 mg/L | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |
| * TOTALS | | | | | | | | | | | | | | | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|------------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Cornea, Inflammation | 2 | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Optic Nerve, Degeneration | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Retina, Dysplasia | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | 1 | 1.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------|------------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Infarct | | | | | | | | | | | | | | | 2 | | | 3 | 2.3 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Inflammation | | | | | | | | | | | | | | | | 2 | | 4 | 1.8 |
| Metaplasia, Osseous | 1 | | | | | | | | | | | | | | | 2 | | 3 | 1.7 |
| Mineralization | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Nephropathy | 2 | 3 | 1 | 2 | 1 | 3 | 2 | | 2 | 1 | | 3 | 1 | 2 | | 2 | | 47 | 1.5 |
| Renal Tubule, Cyst | | | | | | | | | | 2 | | | | | | | | 3 | 2.3 |
| Renal Tubule, Hyperplasia | | | | | | | | | | | | | | | | | | 2 | 1.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE MALE | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ANIMAL ID | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

males
(cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|---|---|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|--|--|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Esophagus | | | + | + | | | | + | + | + | + | + | + | + | + | + | + | + | + | | | + | + | | | | | | | | | | | | | | | |
| Gallbladder | | | + | + | | | | + | + | + | + | + | + | + | + | + | + | + | + | | | + | + | | | | | | | | | | | | | | | |
| Intestine Large, Cecum | | | + | + | | | | + | + | + | + | + | + | + | + | + | + | + | + | | | + | + | | | | | | | | | | | | | | | |
| Intestine Large, Colon | | | + | + | | | | + | + | + | + | + | + | + | + | + | + | + | + | | | + | + | | | | | | | | | | | | | | | |
| Intestine Large, Rectum | | | + | + | | | | + | + | + | + | + | + | + | + | + | + | + | + | | | + | + | | | | | | | | | | | | | | | |
| Intestine Small, Duodenum | | | + | + | | | | + | + | + | + | + | + | + | + | + | + | + | + | | | + | + | | | | | | | | | | | | | | | |
| Intestine Small, Ileum | | | + | + | | | | + | + | + | + | + | + | + | + | + | + | + | + | | | + | + | | | | | | | | | | | | | | | |
| Intestine Small, Jejunum | | | + | + | | | | + | + | + | + | + | + | + | + | + | + | + | + | | | + | + | | | | | | | | | | | | | | | |
| Liver | | | + | + | | | | + | + | + | + | + | + | + | + | + | + | + | + | | | + | + | | | | | | | | | | | | | | | |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Focus Of Cellular Alteration, Atypical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Centrilobular, Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE MALE
500 mg/L | DAY ON TEST | 0
1
8
5 | 0
5
9
0 | 0
1
8
5 | 0
7
0
1 | 0
1
8
5 | 0
3
9
9 | 0
6
8
4 | 0
7
3
1 | 0
5
7
4 | 0
6
1
2 | 0
5
3
5 | 0
7
7
1 | 0
5
3
0 | 0
7
3
8 | 0
4
7
7 | 0
5
3
1 | 0
5
7
4 | 0
5
4
6 | 0
7
0
3 | 0
1
8
5 | 0
5
4
3 | 0
4
8
0 | 0
3
9
9 | 0
3
9
9 | | |
|--|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| | ANIMAL ID | 0
0
2
0
1 | 0
0
2
0
2 | 0
0
2
0
3 | 0
0
2
0
4 | 0
0
2
0
5 | 0
0
2
0
6 | 0
0
2
0
7 | 0
0
2
0
8 | 0
0
2
0
9 | 0
0
2
1
0 | 0
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2 | 0
0
2
2
2 | 0
0
2
2
2 | |
| Hepatocyte, Necrosis
Oval Cell, Hyperplasia | | 2 | 2 | | | | | 3 | | | | | 2 | | | | | 1 | | | | | | | | | |
| Mesentery
Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas
Acinus, Hyperplasia | | + | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | + | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach
Ulcer
Epithelium, Hyperplasia | | + | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular
Amyloid Deposition
Ulcer | | + | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Tooth
Malformation | | + | + | | | | | | | | | | | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Blood Vessel
Aorta, Mineralization | | + | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart
Cardiomyopathy
Artery, Mineralization
Atrium, Thrombosis | | + | + | | | | | | | | | | | | | | | | | | | | | | | | |

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

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-----------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------------|
| | | 01 | 05 | 09 | 13 | 17 | 21 | 25 | 29 | 03 | 07 | 11 | 15 | 19 | 23 | 27 | 31 | 05 | 09 | 13 | 17 | 21 | 25 | 29 | 03 | 07 | |
| B6C3F1 MICE MALE | 500 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 | males
(cont...) |
| | | 1 | 5 | 1 | 7 | 1 | 3 | 6 | 7 | 5 | 6 | 5 | 7 | 7 | 5 | 5 | 4 | 7 | 5 | 5 | 7 | 1 | 5 | 4 | 3 | 3 | |
| | | 8 | 9 | 8 | 0 | 8 | 9 | 8 | 3 | 7 | 1 | 0 | 3 | 3 | 0 | 8 | 7 | 3 | 7 | 4 | 0 | 8 | 4 | 8 | 9 | 9 | |
| | | 5 | 0 | 5 | 1 | 5 | 9 | 4 | 1 | 4 | 2 | 5 | 1 | 0 | 2 | 8 | 7 | 1 | 4 | 6 | 3 | 5 | 3 | 0 | 9 | 9 | |
| | | 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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |

Myocardium, Mineralization

ENDOCRINE SYSTEM

Adrenal Cortex
Hypertrophy
Subcapsular, Hyperplasia

+ +

2 2

1

Adrenal Medulla
Hyperplasia

+ +

Islets, Pancreatic

+ +

Parathyroid Gland

M +

M

Pituitary Gland
Pars Distalis, Hyperplasia

+ +

1

Thyroid Gland
Follicle, Cyst
Follicular Cell, Hyperplasia

+ +

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis
Atrophy
Inflammation

+ +

2 2 2

1

1

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-----------------|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| B6C3F1 MICE MALE | DAY ON TEST | 0185 | 0098 | 0018 | 0071 | 0036 | 0076 | 0057 | 0056 | 0075 | 0077 | 0055 | 0075 | 0044 | 0073 | 0055 | 0074 | 0050 | 0087 | 0073 | 0057 | 0015 | 0054 | 0088 | 0039 | 0039 | |
| | 500 mg/L | ANIMAL ID | 0020 | 0022 | 0023 | 0024 | 0025 | 0026 | 0027 | 0028 | 0029 | 0030 | 0031 | 0032 | 0033 | 0034 | 0035 | 0036 | 0037 | 0038 | 0039 | 0040 | 0041 | 0042 | 0043 | 0044 | 0045 |
| | | males (cont...) | | | | | | | | | | | | | | | | | | | | | | | | | |

Epithelium, Degeneration
 Mesothelium, Hyperplasia

3 1 1 2
 1

Preputial Gland
 Inflammation
 Duct, Ectasia

+
 1 3 2

Prostate
 Inflammation

+ + + + + + + + + + + + + + + + + +

Seminal Vesicle
 Dilatation
 Inflammation

+
 3 1

Testes
 Atrophy

+
 2 3 2 2 2

HEMATOPOIETIC SYSTEM

Bone Marrow

+ + + + + + + + + + + + + + + + + + + +

Lymph Node

+

Lymph Node, Mandibular

+ + + + + + + + + + + + + + + + + + + +

Lymph Node, Mesenteric

+ + + + + + + + + + + + + + + + + + + +

Spleen
 Atrophy
 Hematopoietic Cell Proliferation
 Hyperplasia, Lymphoid

+
 2 2

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

Experiment Number: 96014 - 06

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| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-----------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE MALE | 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 |
| | | 1 | 5 | 1 | 7 | 1 | 3 | 6 | 7 | 5 | 6 | 5 | 7 | 7 | 5 | 5 | 4 | 7 | 5 | 5 | 7 | 1 | 5 | 4 | 3 | 3 |
| | | 8 | 9 | 8 | 0 | 8 | 9 | 8 | 3 | 7 | 1 | 0 | 3 | 3 | 0 | 8 | 7 | 3 | 7 | 4 | 0 | 8 | 4 | 8 | 9 | 9 |
| | | 5 | 0 | 5 | 1 | 5 | 9 | 4 | 1 | 4 | 2 | 5 | 1 | 0 | 2 | 8 | 7 | 1 | 4 | 6 | 3 | 5 | 3 | 0 | 9 | 9 |
| | 500 mg/L | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 |
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 |

males (cont...)

Infarct

Thymus

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

INTEGUMENTARY SYSTEM

Mammary Gland

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

Skin
Inflammation, Suppurative
Ulcer

+ + + + + + + + + + + + + + + + +

MUSCULOSKELETAL SYSTEM

Bone

+ + + + + + + + + + + + + + + + +

Skeletal Muscle

NERVOUS SYSTEM

Brain
Cerebrum, Demyelination

+ + + + + + + + + + + + + + + + +

RESPIRATORY SYSTEM

Lung
Inflammation
Alveolar Epithelium, Hyperplasia
Alveolus, Infiltration Cellular, Histiocyte
Vein, Mineralization

+ + + + + + + + + + + + + + + + +
1
2 2
1 1

Nose

+ + + + + + + + + + + + + + + + +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
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First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE MALE
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 | ANIMAL ID | males
(cont...) | |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------------|---|
| | 1 | 5 | 1 | 7 | 1 | 3 | 6 | 7 | 5 | 6 | 5 | 7 | 7 | 5 | 5 | 4 | 7 | 5 | 5 | 7 | 1 | 5 | 4 | 3 | | | 3 |
| | 8 | 9 | 8 | 0 | 8 | 9 | 8 | 3 | 7 | 1 | 0 | 3 | 3 | 0 | 8 | 7 | 3 | 7 | 4 | 0 | 8 | 4 | 8 | 9 | 9 | | |
| | 5 | 0 | 5 | 1 | 5 | 9 | 4 | 1 | 4 | 2 | 5 | 1 | 0 | 2 | 8 | 7 | 1 | 4 | 6 | 3 | 5 | 3 | 0 | 9 | 9 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | | |

Inflammation
Glands, Dilatation
Glands, Fibrosis
Glands, Hyperplasia

3

Trachea +

SPECIAL SENSES SYSTEM

Eye +
 Cataract
 Cornea, Inflammation 1
 Retina, Dysplasia 2

Harderian Gland +
 Epithelium, Hyperplasia

URINARY SYSTEM

Kidney +
 Hydronephrosis
 Inflammation
 Mineralization
 Nephropathy 2 1 1 1 2 2 1 2 1 3 2 1 2 2 1 2 1
 Papilla, Necrosis
 Renal Tubule, Cyst

Urinary Bladder +

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

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

Experiment Number: 96014 - 06
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| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------------------|
| B6C3F1 MICE MALE
500 mg/L | DAY ON TEST | 0
6
4
0 | 0
6
6
4 | 0
6
3
8 | 0
6
3
8 | 0
1
7
5 | 0
6
7
3 | 0
3
9
8 | 0
5
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4 | 0
7
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1 | 0
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1 | 0
5
6
8 | 0
3
9
6 | 0
2
4
3 | 0
6
6
7 | 0
4
9
0 | 0
1
8
5 | 0
7
3
1 | males
(cont...) |
| | ANIMAL ID | 0
0
2
2
6 | 0
0
2
2
7 | 0
0
2
2
8 | 0
0
2
2
9 | 0
0
2
2
0 | 0
0
2
2
1 | 0
0
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2 | 0
0
2
2
3 | 0
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3 | 0
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3 | 0
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3 | 0
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3 | 0
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3 | 0
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4 | 0
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4 | 0
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4 | 0
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4 | 0
0
2
2
4 | 0
0
2
2
4 | 0
0
2
2
4 | 0
0
2
2
5 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | |
| Angiectasis | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Basophilic Focus | | | | X | | | | X | | X | | | | | | | | | | | | | | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | X |
| Eosinophilic Focus | X | | | X | X | | | X | | X | X | | X | | X | | | | | | X | X | | |
| Focus Of Cellular Alteration, Atypical | X | X | | X | X | | | X | X | X | X | | X | X | X | | | | | X | X | | | X |
| Hematopoietic Cell Proliferation | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | X | X |
| Centrilobular, Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------------|
| B6C3F1 MICE MALE | DAY ON TEST | 0640 | 0664 | 0633 | 0638 | 0617 | 0639 | 0656 | 0670 | 0677 | 0663 | 0673 | 0655 | 0671 | 0617 | 0655 | 0633 | 0622 | 0664 | 0646 | 0614 | 0673 | males (cont...) |
| | ANIMAL ID | 0022 | 0022 | 0022 | 0022 | 0023 | 0023 | 0023 | 0023 | 0023 | 0023 | 0023 | 0023 | 0023 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | |

Hepatocyte, Necrosis
Oval Cell, Hyperplasia

1 2 3

Mesentery
Necrosis

+
3

Pancreas
Acinus, Hyperplasia

+ + + + + + + + + + + + + + + + + + +

Salivary Glands

+ + + + + + + + + + + + + + + + + + +

Stomach, Forestomach
Ulcer
Epithelium, Hyperplasia

+ + + + + + + + + + + + + + + + + + +

Stomach, Glandular
Amyloid Deposition
Ulcer

+ + + + + + + + + + + + + + + + + + +
2 2

Tooth
Malformation

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

CARDIOVASCULAR SYSTEM

Blood Vessel
Aorta, Mineralization

+ + + + + + + + + + + + + + + + + + +

Heart
Cardiomyopathy
Artery, Mineralization
Atrium, Thrombosis

+ + + + + + + + + + + + + + + + + + +
1 1 1 1 1 1 1 2 1 1 1 1 1 1
2

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| B6C3F1 MICE MALE
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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 6 | 6 | 6 | 6 | 1 | 6 | 3 | 5 | 7 | 7 | 6 | 3 | 7 | 5 | 7 | 1 | 7 | 5 | 5 | 3 | 2 | 6 | 4 | 1 | 7 | 3 | 7 | 4 | 6 | 9 | 8 | 5 | 1 | 7 | 3 | 1 | | |
| | | 4 | 6 | 3 | 3 | 8 | 7 | 9 | 6 | 0 | 3 | 9 | 9 | 3 | 4 | 3 | 8 | 3 | 6 | 9 | 9 | 4 | 6 | 9 | 8 | 5 | 1 | 6 | 6 | 9 | 9 | 8 | 5 | 1 | 7 | 3 | 1 | | |
| | | 0 | 4 | 8 | 8 | 5 | 3 | 9 | 8 | 4 | 1 | 0 | 9 | 1 | 6 | 1 | 5 | 1 | 8 | 6 | 9 | 9 | 3 | 7 | 0 | 5 | 1 | 6 | 6 | 9 | 9 | 8 | 5 | 1 | 7 | 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 |
| | | 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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |

males
(cont...)

Myocardium, Mineralization

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|--|---|--|---|---|---|---|---|---|---|---|--|---|---|---|--|---|---|---|--|---|---|---|--|---|---|---|--|---|---|---|--|---|---|---|---|
| Adrenal Cortex | + | + | + | + | | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | |
| Hypertrophy | | | | | | 1 | | | | | 1 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Subcapsular, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Adrenal Medulla | + | + | + | + | | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | |
| Parathyroid Gland | + | + | + | + | | + | | + | + | + | + | | M | + | + | | + | M | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | |
| Pituitary Gland | + | + | + | + | | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Thyroid Gland | + | + | + | + | | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|---|---|---|--|---|--|---|---|---|---|--|---|---|---|--|---|---|---|--|---|---|---|--|---|---|---|--|---|---|---|--|---|---|---|--|---|---|---|--|--|
| Epididymis | + | + | + | + | | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | + | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------------|
| B6C3F1 MICE MALE | DAY ON TEST | 0640 | 0664 | 0638 | 0638 | 0617 | 0663 | 0659 | 0686 | 0674 | 0671 | 0663 | 0675 | 0671 | 0683 | 0671 | 0655 | 0653 | 0632 | 0664 | 0641 | 0671 | 0673 | males
(cont...) |
| | ANIMAL ID | 0022 | 0022 | 0022 | 0022 | 0023 | 0023 | 0023 | 0023 | 0023 | 0023 | 0023 | 0023 | 0023 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | 0024 | |

Epithelium, Degeneration
Mesothelium, Hyperplasia

1 1 2

Preputial Gland
Inflammation
Duct, Ectasia

+ +

Prostate
Inflammation

+ +

Seminal Vesicle
Dilatation
Inflammation

+ +

Testes
Atrophy

+ +

HEMATOPOIETIC SYSTEM

Bone Marrow

+ +

Lymph Node

+

Lymph Node, Mandibular

+ +

Lymph Node, Mesenteric

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

Spleen
Atrophy
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid

+ +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE MALE | DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--------------------|
| | | 6 6 6 6 1 6 3 5 7 7 6 3 7 5 7 1 7 5 5 3 2 6 4 1 7
4 6 3 3 8 7 9 6 0 3 9 9 3 4 3 8 3 6 9 9 4 6 9 8 3
0 4 8 8 5 3 9 8 4 1 0 9 1 6 1 5 1 8 6 9 3 7 0 5 1 | | | | | | | | | | | | | | | | | | | | |
| 500 mg/L | ANIMAL ID | 0 | | | | | | | | | | | | | | | | | | | | |
| | | 0 | | | | | | | | | | | | | | | | | | | | |
| | | 2 | | | | | | | | | | | | | | | | | | | | |
| | | 2 2 2 2 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 | | | | | | | | | | | | | | | | | | | | |
| | | 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 | | | | | | | | | | | | | | | | | | | | |
| Infarct | 4 | | | | | | | | | | | | | | | | | | | | | |
| Thymus | + + + + + M + + + M + + + + M + + + | | | | | | | | | | | | | | | | | | | | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | M M M M M M M M M M M + M M M M M M | | | | | | | | | | | | | | | | | | | | | |
| Skin
Inflammation, Suppurative
Ulcer | + | | | | | | | | | | | | | | | | | | | | 4 | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + + + + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | + | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Brain
Cerebrum, Demyelination | + + + + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Lung
Inflammation
Alveolar Epithelium, Hyperplasia
Alveolus, Infiltration Cellular, Histiocyte
Vein, Mineralization | + + + + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | 2 | |
| Nose | + + + + + + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | | | | | | |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

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Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE MALE
500 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|
| | 0640 | 0664 | 0663 | 0663 | 0688 | 0673 | 0639 | 0658 | 0674 | 0671 | 0663 | 0637 | 0675 | 0671 | 0683 | 0651 | 0673 | 0655 | 0653 | 0632 | 0666 | 0649 | 0641 | 0617 | | |
| Inflammation | 2 | | | | 1 | | | | 1 | | | | 1 | | | | | | | | | | | | | |
| Glands, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Glands, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Glands, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + | + | + | + | | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | | + | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | | + | | |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cornea, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Retina, Dysplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | | + | | |
| Epithelium, Hyperplasia | 3 | | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | | + | | |
| Hydronephrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | 1 | 1 | 2 | 2 | | 2 | | 3 | 3 | 2 | 2 | | 1 | 2 | | 1 | 2 | 2 | | 2 | 1 | | 1 | | | |
| Papilla, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | | + | | |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

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2) Mild 4) Marked

Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| B6C3F1 MICE MALE
500 mg/L | DAY ON TEST | 0099 | 0030 | 0049 | 0066 | 0046 | 0066 | 0051 | 0045 | 0056 | 0071 | 0016 | 0067 | 0038 | 0023 | 0039 | * TOTALS |
|------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | ANIMAL ID | 00251 | 00052 | 00055 | 00055 | 00055 | 00055 | 00055 | 00055 | 00066 | 00066 | 00066 | 00066 | 00066 | 00066 | 00066 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Amyloid Deposition | | | | | | | | | | | | | | | | 1 1.0 |
| Angiectasis | | | | | | | | | | | | | | | | 1 2.0 |
| Basophilic Focus | | | X | | | | | X | | | | | | | | 6 |
| Clear Cell Focus | | | | | | | | X | | | | X | | | | 4 |
| Eosinophilic Focus | | | | | X | | | X | X | X | X | | X | X | | 30 |
| Focus Of Cellular Alteration, Atypical | | X | | X | X | X | X | X | X | | X | | X | X | | 42 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | 1 2.0 |
| Infarct | | | | | | | | | | | | | | | | 1 4.0 |
| Inflammation | | | | | | | | 3 | | | | | | | | 3 1.7 |
| Mineralization | | | | | 2 | | | | | | | | | | | 1 2.0 |
| Mixed Cell Focus | | | X | | | | | X | | | | | | | | 4 |
| Centrilobular, Fatty Change | | | | | 1 | | | | | | | | | | | 1 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE MALE
500 mg/L | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 3 | 7 | 4 | 6 | 4 | 6 | 6 | 5 | 4 | 5 | 6 | 7 | 1 | 6 | 7 | 3 | | |
| | 9 | 3 | 9 | 3 | 9 | 5 | 1 | 1 | 9 | 9 | 0 | 3 | 8 | 2 | 3 | 9 | | |
| | 9 | 0 | 9 | 1 | 8 | 5 | 8 | 1 | 1 | 9 | 3 | 0 | 5 | 0 | 1 | 9 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | | |

| | | | | | | | | | | | | | | | | | | |
|------------------------|--|--|--|--|--|--|--|---|--|---|--|--|--|--|--|---|----|-----|
| Hepatocyte, Necrosis | | | | | | | | 3 | | 2 | | | | | | 3 | 10 | 2.3 |
| Oval Cell, Hyperplasia | | | | | | | | | | | | | | | | | 3 | 1.3 |

| | | | | | | | | | | | | | | | | | | | |
|-----------------------|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|-----|
| Mesentery
Necrosis | | | + | | | | | | | | | | | | | | 3 | 1 | 3.0 |
|-----------------------|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|-----|

| | | | | | | | | | | | | | | | | | | | |
|---------------------------------|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|--|----|---|-----|
| Pancreas
Acinus, Hyperplasia | | | + | + | + | + | + | + | + | + | + | + | + | + | + | | 49 | 1 | 2.0 |
|---------------------------------|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|--|----|---|-----|

| | | | | | | | | | | | | | | | | | | | |
|-----------------|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|--|----|--|--|
| Salivary Glands | | | + | + | + | + | + | + | + | + | + | + | + | + | + | | 49 | | |
|-----------------|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|--|----|--|--|

| | | | | | | | | | | | | | | | | | | | |
|--|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|--|----|---|-----|
| Stomach, Forestomach
Ulcer
Epithelium, Hyperplasia | | | + | + | + | + | + | + | + | + | + | + | + | + | + | | 49 | 1 | 2.0 |
| | | | | | | | | | | | | | | | | | | 1 | 1.0 |

| | | | | | | | | | | | | | | | | | | | |
|---|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|--|----|---|-----|
| Stomach, Glandular
Amyloid Deposition
Ulcer | | | + | + | + | + | + | + | + | + | + | + | + | + | + | | 49 | 3 | 1.3 |
| | | | | | | 2 | 1 | | | | 1 | | | | | | | 2 | 2.0 |

| | | | | | | | | | | | | | | | | | | | |
|-----------------------|--|--|--|---|--|---|--|---|--|--|--|--|--|---|--|--|----|----|--|
| Tooth
Malformation | | | | + | | + | | + | | | | | | + | | | 13 | | |
| | | | | X | | X | | X | | | | | | X | | | | 13 | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|--|----|---|-----|
| Blood Vessel
Aorta, Mineralization | | | + | + | + | + | + | + | + | + | + | + | + | + | + | | 49 | 1 | 3.0 |
| | | | | | | | | | | | | | | | | | | 3 | |

| | | | | | | | | | | | | | | | | | | | |
|---|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|
| Heart
Cardiomyopathy
Artery, Mineralization
Atrium, Thrombosis | | | + | + | + | + | + | + | + | + | + | + | + | + | + | | 49 | | |
| | | | 1 | | | | | | | | | 1 | | 2 | 1 | 1 | | 30 | 1.2 |
| | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| | | | | | | | | | | | | | | | | | | 1 | 2.0 |

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

Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| B6C3F1 MICE MALE
500 mg/L | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID | |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--|
| | | 3 | 7 | 4 | 6 | 4 | 6 | 6 | 5 | 4 | 5 | 6 | 7 | 1 | 6 | 7 | 3 | | | |
| | | 9 | 3 | 9 | 3 | 9 | 5 | 1 | 1 | 9 | 9 | 0 | 3 | 8 | 2 | 3 | 9 | | | |
| | | 9 | 0 | 9 | 1 | 8 | 5 | 8 | 1 | 1 | 9 | 3 | 0 | 5 | 0 | 1 | 9 | | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | | | |
| * TOTALS | | | | | | | | | | | | | | | | | | | | |

Myocardium, Mineralization

2

1 2.0

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|--|---|--|---|--|--|--|--|--|---|--|--|--|--|--|--|--|----|-----|
| Adrenal Cortex | | | | | | | | | | | | | | | | | | 49 | |
| Hypertrophy | | 1 | | 1 | | | | | | | | | | | | | | 9 | 1.7 |
| Subcapsular, Hyperplasia | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Adrenal Medulla | | | | | | | | | | | | | | | | | | 49 | |
| Hyperplasia | | | | | | | | | | 1 | | | | | | | | 1 | 1.0 |
| Islets, Pancreatic | | | | | | | | | | | | | | | | | | 49 | |
| Parathyroid Gland | | | | M | | | | | | | | | | | | | | 44 | |
| Pituitary Gland | | | | | | | | | | | | | | | | | | 49 | |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | 4 | 1.0 |
| Thyroid Gland | | | | | | | | | | | | | | | | | | 49 | |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Follicular Cell, Hyperplasia | | | | 1 | | | | | | | | | | | | | | 1 | 1.0 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|---|--|----|-----|
| Epididymis | | | | | | | | | | | | | | | | | | 49 | |
| Atrophy | | | | | | | | | | 3 | | | | | | 2 | | 10 | 2.0 |
| Inflammation | | | | | | | | | | | | | | | | | | 1 | 1.0 |

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

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

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE MALE
500 mg/L | DAY ON TEST | 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 | * TOTALS |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | 3 | 7 | 4 | 6 | 4 | 6 | 6 | 5 | 4 | 5 | 6 | 7 | 1 | 6 | 7 | 3 | | | | | | | | | | | | | | | | | | | |
| | | 9 | 3 | 9 | 3 | 9 | 5 | 1 | 9 | 9 | 0 | 3 | 8 | 2 | 3 | 9 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | |
| | | 9 | 0 | 9 | 1 | 8 | 5 | 8 | 1 | 9 | 3 | 0 | 5 | 0 | 1 | 9 | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|---|----|-----|
| Epithelium, Degeneration | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | 3 | 10 | 1.6 |
| Mesothelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|---|--|--|--|--|---|-----|--|
| Preputial Gland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Inflammation | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | 3 | 1.7 | |
| Duct, Ectasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | 5 | 2.2 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|----|-----|
| Prostate | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | 1 | 4.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|----|-----|
| Seminal Vesicle | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | 3 | 2.3 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|---|---|---|---|--|----|-----|
| Testes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Atrophy | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | 3 | 3 | 1 | 3 | | 13 | 2.4 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|
| Bone Marrow | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|
| Lymph Node, Mandibular | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
|------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|
| Lymph Node, Mesenteric | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 48 | |
|------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|---|--|--|--|---|-----|--|
| Spleen | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 49 | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | 3 | | | | 3 | 2.0 | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | 5 | 2.4 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | 5 | 1.8 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
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500 mg/L | DAY ON TEST | | | | | | | | | | | | | | | * TOTALS |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|
| | 0399 | 0730 | 0499 | 0631 | 0498 | 0665 | 0668 | 0511 | 0491 | 0599 | 0630 | 0713 | 0168 | 0731 | 0399 | |
| | ANIMAL ID | | | | | | | | | | | | | | | |
| | 00251 | 00052 | 00053 | 00054 | 00055 | 00056 | 00057 | 00058 | 00059 | 00060 | 00061 | 00062 | 00063 | 00064 | 00065 | |
| Infarct | | | | | | | | | | | | | | | | 1 4.0 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | |
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 4 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | 1 4.0 |
| Ulcer | | | | | | | | | | | | | | | | 1 4.0 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Skeletal Muscle | | + | | | | | | | | | | | | | | 2 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Cerebrum, Demyelination | | | | | | | | | | | | | | | | 2 1 2.0 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Inflammation | | | | | | | | | | | | | | | | 2 1 3 1.3 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | 4 2.0 |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | 1 1 4 1.0 |
| Vein, Mineralization | | | | | | | | | | | | | | | | 2 1 2.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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Lab: BAT

| B6C3F1 MICE MALE
500 mg/L | DAY ON TEST | | | | | | | | | | | | | | | * TOTALS | |
|------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--------|
| | 0399 | 0730 | 0490 | 0631 | 0498 | 0665 | 0668 | 0511 | 0491 | 0599 | 0603 | 0718 | 0625 | 0731 | 0399 | | |
| ANIMAL ID | 00251 | 00052 | 00053 | 00054 | 00055 | 00056 | 00057 | 00058 | 00059 | 00060 | 00061 | 00062 | 00063 | 00064 | 00065 | 00066 | |
| Inflammation | | | | | | 2 | | | 1 | | | 1 | | | | | 7 1.3 |
| Glands, Dilatation | | | | | | | | | 1 | | | | | | | | 1 1.0 |
| Glands, Fibrosis | | | | | | | | | | | | | | | | | 1 3.0 |
| Glands, Hyperplasia | | | | | | | 1 | | | 1 | | | | | | | 2 1.0 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Cataract | | | | | | | | | | | 2 | | | | | | 1 2.0 |
| Cornea, Inflammation | | | | | | | | | | | | | | | | | 2 2.5 |
| Retina, Dysplasia | | | | | | | | | | | | | | | | | 1 2.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Epithelium, Hyperplasia | | | | | | 2 | | | | | | | | | | | 3 2.3 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Hydronephrosis | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation | | | | | | | | 4 | | | | | | | | | 2 3.0 |
| Mineralization | | | 1 | | | | | | | | | | | | | | 1 1.0 |
| Nephropathy | 2 | 1 | 2 | | 2 | 3 | 1 | | 3 | 1 | 2 | | 2 | 2 | | | 45 1.7 |
| Papilla, Necrosis | | | | | | | 3 | | | | | | | | | | 1 3.0 |
| Renal Tubule, Cyst | | | | | | | | | | | | | | | | | 1 1.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------------|--|
| B6C3F1 MICE MALE | DAY ON TEST | 0
4 | 0
5 | 0
6 | 0
5 | 0
1 | 0
5 | 0
5 | 0
4 | 0
6 | 0
6 | 0
1 | 0
7 | 0
5 | 0
7 | 0
7 | 0
7 | 0
6 | 0
6 | 0
1 | 0
7 | 0
5 | 0
6 | 0
7 | 0
6 | 0
7 | 0
6 | 0
3 | |
| | ANIMAL ID | 1
4 | 1
8 | 2
8 | 3
8 | 4
5 | 5
8 | 6
1 | 7
6 | 8
4 | 9
4 | 0
5 | 1
8 | 2
1 | 3
1 | 4
1 | 5
5 | 6
0 | 7
2 | 8
5 | 9
1 | 0
2 | 1
5 | 2
1 | 3
2 | 4
6 | 5
9 | | |
| 1000 mg/L | | 0
0
3
0
1 | 0
0
3
0
2 | 0
0
3
0
3 | 0
0
3
0
4 | 0
0
3
0
5 | 0
0
3
0
6 | 0
0
3
0
7 | 0
0
3
0
8 | 0
0
3
0
9 | 0
0
3
0
0 | 0
0
3
0
1 | 0
0
3
0
2 | 0
0
3
0
3 | 0
0
3
0
4 | 0
0
3
0
5 | 0
0
3
0
6 | 0
0
3
0
7 | 0
0
3
0
8 | 0
0
3
0
9 | 0
0
3
0
0 | 0
0
3
0
1 | 0
0
3
0
2 | 0
0
3
0
3 | 0
0
3
0
4 | 0
0
3
0
5 | 0
0
3
0
6 | males
(cont...) | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation
Peyer's Patch, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clear Cell Focus | | | | X | X | | | | | | | | | | | | | | | | | | | | | | | |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | X | | | | | | | | | | | | | | | | | | | | | | | |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Focus Of Cellular Alteration, Atypical | | | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mixed Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

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| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE MALE

1000 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 | |
| | | 4 | 5 | 6 | 5 | 1 | 5 | 5 | 4 | 6 | 6 | 1 | 7 | 5 | 7 | 7 | 7 | 6 | 6 | 1 | 7 | 5 | 6 | 7 | 6 | 3 |
| | | 1 | 4 | 5 | 4 | 8 | 7 | 8 | 9 | 8 | 2 | 8 | 1 | 1 | 3 | 3 | 2 | 0 | 5 | 8 | 0 | 1 | 1 | 1 | 6 | 9 |
| ANIMAL ID | | 4 | 8 | 8 | 8 | 5 | 8 | 1 | 6 | 4 | 4 | 5 | 8 | 1 | 1 | 5 | 0 | 2 | 5 | 1 | 2 | 1 | 2 | 6 | 9 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 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 | 3 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| males (cont...) | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Bile Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Capsule, Fibrosis | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Centrilobular, Fatty Change | | | | | | | | 4 | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Necrosis | 3 | | | | | | | | | 2 | | | 2 | | | | | | | | 4 | | | | | | 2 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | + | | | | | | + | + | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fibrosis | + | + | + | + | | + | + | + | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | + | + | + | + | | + | + | + | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | + | + | + | + | | + | + | + | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Epithelium, Hyperplasia | | | | | | | | | | | 1 | | | | | | | | 2 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amyloid Deposition | + | + | + | + | | + | + | + | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | |
| Erosion | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Glands, Ectasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|--|---|---|---|---|---|--|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|
| Blood Vessel | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aorta, Inflammation | + | + | + | + | | + | + | + | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |

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

| B6C3F1 MICE MALE

1000 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | |
|-----------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------------|--------|
| | 0
4 | 0
5 | 0
6 | 0
5 | 0
1 | 0
5 | 0
5 | 0
4 | 0
6 | 0
6 | 0
1 | 0
7 | 0
5 | 0
7 | 0
7 | 0
7 | 0
6 | 0
6 | 0
1 | 0
7 | 0
5 | 0
6 | 0
7 | 0
6 | | 0
3 |
| | 1
4 | 4
8 | 5
8 | 4
8 | 8
5 | 7
8 | 8
1 | 9
6 | 8
4 | 2
4 | 8
5 | 1
8 | 1
1 | 3
1 | 3
1 | 2
5 | 0
0 | 5
2 | 8
5 | 0
1 | 1
2 | 1
1 | 1
2 | 6
6 | | 3
9 |
| 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 | |
| Aorta, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart | + | + | + | + | | | + | + | + | + | + | | | | + | + | + | + | + | | + | + | + | + | + | |
| Cardiomyopathy | 1 | 1 | 1 | | | | 1 | | | | 1 | | | | 2 | | | 2 | 1 | 1 | 1 | 1 | | | | |
| Artery, Inflammation | | | | | | | | | | | | | | | | | | | 3 | | | | | | | |
| Endocardium, Inflammation | | | | | | | | | | | | | | | | | | | 2 | | | | | | | |
| Myocardium, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | | | + | + | + | + | + | | | | | | | | | | | | | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Necrosis | | | | | | | | | | | | | | | | 4 | | | | | | | | | | |
| Adrenal Medulla | + | + | + | + | | | + | + | + | + | + | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | 4 | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | | | + | + | + | + | + | | | | | | | | | | | | | | | |
| Parathyroid Gland | + | M | + | + | | | + | + | + | + | + | | | | | | | | | | | | | | | |
| Pituitary Gland | + | + | + | + | | | + | + | + | + | + | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| Thyroid Gland | + | + | + | + | | | + | + | + | + | + | | | | | | | | | | | | | | | |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

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Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------------|---|---|---|
| B6C3F1 MICE MALE | 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 | |
| | | 4 | 5 | 6 | 5 | 1 | 5 | 5 | 4 | 6 | 6 | 1 | 7 | 5 | 7 | 7 | 7 | 6 | 6 | 1 | 7 | 5 | 6 | 7 | 6 | 3 |
| | | 1 | 4 | 5 | 4 | 8 | 7 | 8 | 9 | 8 | 2 | 8 | 1 | 1 | 3 | 3 | 2 | 0 | 5 | 8 | 0 | 1 | 1 | 1 | 6 | 9 |
| 1000 mg/L | ANIMAL ID | 4 | 8 | 8 | 8 | 5 | 8 | 1 | 6 | 4 | 4 | 5 | 8 | 1 | 1 | 1 | 5 | 0 | 2 | 5 | 1 | 2 | 1 | 2 | 9 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 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 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | | |
| | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | | | |

GENERAL BODY SYSTEM

Peritoneum +

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | 3 | 2 | | | | | 2 | 2 | 1 | | | | 1 | | 2 | 3 | | 1 | | |
| Granuloma Sperm | | | | | | | | | | | | 3 | | | | | | | | | |
| Hypospermia | | 3 | 3 | | | | | 2 | 1 | 1 | | | | | | 4 | 4 | | 2 | | |
| Epithelium, Degeneration | | | | | | | 2 | | | 1 | | | | | 1 | | | | | | |
| Mesothelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation | 2 | | | 1 | 2 | | | | | | | | | | | | | | | | 2 |
| Duct, Ectasia | | | | | | | | | 3 | | | | | | 2 | | 3 | | | | 2 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | |
| Arteriole, Inflammation | | | | | | | | | | | | | | | | | | | | | |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | 4 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | 4 | 4 | | | | | 2 | 1 | 2 | | | | 3 | | 1 | 4 | | 4 | 2 | 2 |

HEMATOPOIETIC SYSTEM

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| B6C3F1 MICE MALE
1000 mg/L | 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 | | |
| | 4 | 5 | 6 | 5 | 1 | 5 | 5 | 4 | 6 | 6 | 1 | 7 | 5 | 7 | 7 | 7 | 6 | 6 | 1 | 7 | | | 5 | 6 | 7 |
| | 1 | 4 | 5 | 4 | 8 | 7 | 8 | 9 | 8 | 2 | 8 | 1 | 1 | 3 | 3 | 2 | 0 | 5 | 8 | 0 | 1 | 1 | 1 | 6 | 9 |
| | 4 | 8 | 8 | 8 | 5 | 8 | 1 | 6 | 4 | 4 | 5 | 8 | 1 | 1 | 1 | 5 | 0 | 2 | 5 | 1 | 2 | 1 | 2 | 6 | 9 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 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 | 3 | 3 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| Bone Marrow
Angiectasis | + | + | + | + | | + | + | + | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | |
| | | | 2 | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node
Axillary, Hyperplasia, Plasma Cell | | | | | | | | | | | + | | | + | + | | | | | | | | + | | |
| Lumbar, Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Lumbar, Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Renal, Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Lymph Node, Mandibular
Degeneration, Cystic
Hyperplasia, Plasma Cell | + | + | + | + | | + | + | + | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Lymph Node, Mesenteric
Hemorrhage
Hyperplasia, Lymphoid
Hyperplasia, Plasma Cell
Necrosis, Lymphoid | + | + | + | + | | + | + | + | + | + | | + | + | + | + | + | + | | + | M | | + | + | + | |
| | | | | | | | | | | 3 | | | | | | | | | | | | | 2 | | |
| | | | | | | | | | | | | | | | | 3 | | | | | | | | | |
| Spleen
Atrophy
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | + | + | + | + | | + | + | + | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus | + | + | + | M | | + | + | + | + | + | | + | + | + | + | + | + | M | | + | + | M | M | + | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|--|---|---|---|---|---|--|---|---|---|---|---|---|---|--|---|---|---|---|---|
| Mammary Gland | M | + | M | M | | M | M | + | M | M | | M | M | M | M | M | + | M | | M | M | + | M | M |
|---------------|---|---|---|---|--|---|---|---|---|---|--|---|---|---|---|---|---|---|--|---|---|---|---|---|

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1000 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|---|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------|--------------------|
| | 0
4 | 0
5 | 0
6 | 0
5 | 0
1 | 0
5 | 0
5 | 0
4 | 0
6 | 0
6 | 0
1 | 0
7 | 0
5 | 0
7 | 0
7 | 0
7 | 0
6 | 0
6 | 0
1 | 0
7 | 0
5 | 0
6 | 0
7 | 0
6 | 0
3 | | |
| | 1 | 4 | 5 | 4 | 8 | 7 | 8 | 9 | 8 | 2 | 8 | 1 | 1 | 3 | 3 | 2 | 0 | 5 | 8 | 0 | 1 | 1 | 1 | 6 | 9 | | |
| | 4 | 8 | 8 | 8 | 5 | 8 | 1 | 6 | 4 | 4 | 5 | 8 | 1 | 1 | 5 | 0 | 2 | 5 | 1 | 2 | 1 | 2 | 6 | 9 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 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 | 3 | 3 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | | |
| Skin
Ulcer | + | + | + | + | | + | + | + | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone
Cranium, Periosteum, Fibrosis | + | + | + | + | | + | + | + | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | + | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Skeletal Muscle | | | | | | | | | | | | + | | | | | | | | | | | | | | | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | | + | + | + | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | + | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung
Inflammation | + | + | + | + | | + | + | + | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | + | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Capillary, Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose
Inflammation | + | + | + | + | | + | + | + | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | + | | |
| Turbinate, Fibrosis, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea
Inflammation | + | + | + | + | | + | + | + | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | + | | |

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Lab: BAT

| B6C3F1 MICE MALE
1000 mg/L | DAY ON TEST | 0 | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | | | |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------------|---|---|---|
| | | 4 | 5 | 6 | 5 | 1 | 5 | 5 | 4 | 6 | 6 | 1 | 7 | 5 | 7 | 7 | 7 | 6 | 6 | 1 | 7 | | | 5 | 6 | 7 |
| | | 1 | 4 | 5 | 4 | 8 | 7 | 8 | 9 | 8 | 2 | 8 | 1 | 1 | 3 | 3 | 2 | 0 | 5 | 8 | 0 | 1 | 1 | 1 | 6 | 9 |
| | | 4 | 8 | 8 | 8 | 5 | 8 | 1 | 6 | 4 | 4 | 5 | 8 | 1 | 1 | 5 | 0 | 2 | 5 | 1 | 2 | 1 | 2 | 6 | 9 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 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 | 3 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Eye | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phthisis Bulbi | | | | | | | | | | | | | | | | | | | | | | | | | |
| Synechia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cornea, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | 2 2 1 | | | | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Kidney | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy, Diffuse | | | | | | | | | | | | | | | | | | | | | | | | | |
| Casts Protein | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydronephrosis | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Infarct | 1 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | 1 3 2 1 2 1 2 3 1 1 2 2 1 2 2 1 1 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mononuclear Cell | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Transitional Epithelium, Hyperplasia | 3 | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
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1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| B6C3F1 MICE MALE | DAY ON TEST | 0
7
3
0 | 0
5
7
3 | 0
7
3
0 | 0
6
2
4 | 0
6
3
9 | 0
3
6
5 | 0
6
8
1 | 0
5
4
2 | 0
7
3
1 | 0
3
6
9 | 0
6
3
1 | 0
3
2
5 | 0
7
6
1 | 0
7
3
0 | 0
1
8
5 | 0
5
2
1 | 0
7
3
0 | 0
3
9
4 | 0
6
2
8 | 0
4
5
4 | 0
6
7
4 | 0
3
9
9 | 0
6
9
1 | 0
3
8
8 | 0
0
0
0 | | |
| | ANIMAL ID | 0
0
3
2
6 | 0
0
3
2
7 | 0
0
3
2
8 | 0
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9 | 0
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2 | 0
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6 | 0
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7 | 0
0
3
3
8 | 0
0
3
3
9 | 0
0
3
3
0 | 0
0
3
3
1 | |
| 1000 mg/L | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

males
(cont...)

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Jejunum
Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Peyer's Patch, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | X | | | | | | | | | | | | | | | | | | | | | |
| Clear Cell Focus | X | | | | | X | | X | | | | X | X | X | | | | | | | X | |
| Congestion | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | X | | | X | | | | | | | | X | X | | | | | | | | X | X |
| Fatty Change | | | | | 2 | | | | 1 | | | | | | | | | | | | 1 | |
| Focus Of Cellular Alteration, Atypical | X | X | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | X | X | X | X |
| Infarct | | | 4 | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mixed Cell
Inflammation | | | | | | | | | | | | | | | | | | | | | 1 | 1 |

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

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|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| B6C3F1 MICE MALE

1000 mg/L | DAY ON TEST | 0730 | 0573 | 0732 | 0663 | 0036 | 0065 | 0054 | 0047 | 0033 | 0066 | 0033 | 0066 | 0077 | 0077 | 0015 | 0057 | 0033 | 0066 | 0044 | 0066 | 0033 | 0066 | |
| | ANIMAL ID | 00326 | 00032 | 00033 | 00033 | 00033 | 00033 | 00033 | 00033 | 00033 | 00033 | 00033 | 00033 | 00033 | 00033 | 00033 | 00033 | 00033 | 00033 | 00033 | 00033 | 00033 | 00033 | |

males (cont...)

Mixed Cell Focus
 Bile Duct, Cyst
 Capsule, Fibrosis
 Centrilobular, Fatty Change
 Hepatocyte, Necrosis

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| X | | | | | | | | | | | | | | | | | | | | | | | | |
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Mesentery
 Inflammation
 Necrosis

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| + | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |

Pancreas
 Fibrosis
 Duct, Cyst

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|--|---|---|---|---|--|---|---|---|---|---|--|---|---|--|---|---|---|--|---|--|
| + | + | + | + | + | | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

Salivary Glands

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|--|---|---|---|---|--|---|---|---|---|---|--|---|---|--|---|---|---|--|---|--|
| + | + | + | + | + | | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

Stomach, Forestomach
 Inflammation
 Ulcer
 Epithelium, Hyperplasia

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|--|---|---|---|---|--|---|---|---|---|---|--|---|---|--|---|---|---|--|---|--|
| + | + | + | + | + | | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | | + | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

Stomach, Glandular
 Amyloid Deposition
 Erosion
 Glands, Ectasia

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|--|---|---|---|---|--|---|---|---|---|---|--|---|---|--|---|---|---|--|---|--|
| + | + | + | + | + | | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

1

CARDIOVASCULAR SYSTEM

Blood Vessel
 Aorta, Inflammation

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|--|---|---|---|---|--|---|---|---|---|---|--|---|---|--|---|---|---|--|---|--|
| + | + | + | + | + | | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE MALE
1000 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | | |
|-------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|-----------|--------------------|--|--|
| | 0
7
3
0 | 0
5
7
3 | 0
7
3
0 | 0
6
2
4 | 0
6
3
9 | 0
6
3
9 | 0
3
6
5 | 0
5
8
2 | 0
4
6
1 | 0
7
3
2 | 0
3
9
1 | 0
6
3
3 | 0
3
6
2 | 0
6
7
5 | 0
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7
3
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1 | 0
5
2
0 | 0
7
3
9 | 0
3
2
4 | 0
4
5
8 | 0
6
7
4 | 0
3
9
9 | 0
6
3
8 | | | | | |
| Aorta, Mineralization | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heart | + | + | + | + | + | | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | | | | | |
| Cardiomyopathy | 1 | | 1 | | | | 1 | | 1 | 1 | | 1 | | 1 | 1 | 1 | | | | | | | 1 | | 2 | 2 | | | |
| Artery, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Endocardium, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Myocardium, Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | | + | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hypertrophy | 1 | | | | | 2 | | | | | | | | | | 1 | | | | | | | | | 1 | 1 | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | + | + | + | + | | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | | + | | | |
| Hyperplasia | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | | + | | | |
| Parathyroid Gland | + | M | + | + | + | | M | + | + | + | | + | + | + | + | + | | M | M | | + | + | + | + | | + | | | |
| Pituitary Gland | + | + | + | + | + | | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | | + | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | + | + | + | + | | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | | + | | | |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
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Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

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First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------------------------|
| B6C3F1 MICE MALE | DAY ON TEST | 07 | 05 | 07 | 06 | 06 | 03 | 06 | 05 | 04 | 07 | 03 | 06 | 03 | 06 | 07 | 07 | 01 | 05 | 07 | 03 | 06 | 04 | 06 | 03 | 06 | | |
| | ANIMAL ID | 03 | 07 | 03 | 02 | 03 | 09 | 05 | 08 | 06 | 03 | 09 | 01 | 02 | 02 | 03 | 03 | 08 | 02 | 03 | 09 | 02 | 05 | 07 | 09 | 01 | | 08 |
| 1000 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 | 00 | 00 | males
(cont...) |
| | | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | | |

GENERAL BODY SYSTEM

Peritoneum

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | 1 | | | | | 2 | 1 | | 4 | | | | | | | | | | 1 | 3 |
| Granuloma Sperm | | | | | | | | | | | | | | | | | | | | |
| Hypospermia | 4 | | | | | | | 1 | 3 | | | | 2 | | | | | | 4 | 4 |
| Epithelium, Degeneration | | | | | 2 | | | | | | | 1 | | | | | | | 1 | |
| Mesothelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation | 2 | | | | | | | 2 | | | | | | | | | | | | 2 |
| Duct, Ectasia | | | | | 2 | | | | 2 | | | | | | | | | | 3 | 2 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | 2 |
| Arteriole, Inflammation | | | | | | | | | | | | | 3 | | | | | | | |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | 3 | | | | | 3 | 3 | | 4 | | | | 3 | 2 | | | | | 3 | 4 |

HEMATOPOIETIC SYSTEM

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

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 Lab: BAT

| B6C3F1 MICE MALE
1000 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | | | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|------|------|------|------|
| | 0730 | 0733 | 0730 | 0732 | 0733 | 0739 | 0739 | 0732 | 0731 | 0732 | 0731 | 0739 | 0733 | 0732 | 0735 | 0731 | 0730 | 0735 | 0731 | 0739 | 0732 | 0739 | 0734 | 0738 | 0734 | | | 0736 | 0737 | 0738 | 0739 |
| Bone Marrow
Angiectasis | + | + | + | + | + | | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | | + | | | | | | |
| Lymph Node
Axillary, Hyperplasia, Plasma Cell
Lumbar, Hyperplasia, Plasma Cell
Lumbar, Inflammation, Suppurative
Renal, Hyperplasia, Plasma Cell | | | | | + | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular
Degeneration, Cystic
Hyperplasia, Plasma Cell | + | + | + | + | + | | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | | + | | | | | | |
| Lymph Node, Mesenteric
Hemorrhage
Hyperplasia, Lymphoid
Hyperplasia, Plasma Cell
Necrosis, Lymphoid | + | + | + | + | + | | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | M | | + | | | | | | |
| Spleen
Atrophy
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | + | + | + | + | + | | + | + | M | + | | + | + | + | + | + | | + | + | | + | + | + | | + | | | | | | |
| Thymus | + | + | + | + | + | | + | M | + | + | | + | + | + | + | + | | + | + | | + | + | M | | + | | | | | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | M | M | M | M | M | | M | M | M | M | | M | M | M | M | M | | + | M | | M | M | M | | M | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
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Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE MALE | 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 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 7 | 5 | 7 | 6 | 6 | 3 | 6 | 5 | 4 | 7 | 3 | 6 | 3 | 6 | 7 | 7 | 1 | 5 | 7 | 3 | 3 | 6 | 4 | 6 | 3 | 6 | 3 | 6 | 3 | 6 | 3 | 6 | |
| | | 3 | 7 | 3 | 2 | 3 | 9 | 5 | 8 | 6 | 3 | 9 | 1 | 2 | 2 | 3 | 3 | 8 | 2 | 3 | 9 | 2 | 5 | 7 | 9 | 9 | 1 | 8 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1000 mg/L | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

males
(cont...)

Skin
Ulcer +

MUSCULOSKELETAL SYSTEM

Bone
Cranium, Periosteum, Fibrosis +

Skeletal Muscle

NERVOUS SYSTEM

Brain +

RESPIRATORY SYSTEM

Lung
Inflammation +
Thrombosis 1 1 1
Alveolar Epithelium, Hyperplasia 1
Alveolus, Infiltration Cellular, Histiocyte 1
Capillary, Thrombosis 1

Nose
Inflammation +
1
Turbinate, Fibrosis, Focal

Trachea
Inflammation +
1 1

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

1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
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Experiment Number: 96014 - 06
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 Lab: BAT

| B6C3F1 MICE MALE
1000 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|-------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|-----------------------|--------------------|
| | 0
7
3
0 | 0
5
7
3 | 0
7
3
0 | 0
6
2
4 | 0
6
3
9 | 0
3
9
5 | 0
6
5
8 | 0
5
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6 | 0
4
7
3 | 0
7
3
6 | 0
3
9
1 | 0
6
3
2 | 0
6
3
2 | 0
7
7
1 | 0
7
7
1 | 0
1
5
2 | 0
5
7
3 | 0
3
9
2 | 0
6
4
5 | 0
6
7
4 | 0
3
9
4 | 0
6
3
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
3
2
6 | males
(cont...) |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cataract | 3 | | | | | | | | | | | | | | | | | | | | |
| Phthisis Bulbi | X | | | | | | | | | | | | X | | | | | | | | |
| Synechia | 4 | | | | | | | | | | | | | | | | | | | | |
| Cornea, Inflammation | | | | | | | | 2 | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | 3 | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy, Diffuse | | | | | | | | | | | | | | | | | | | | | |
| Casts Protein | | | | | | | | | | | | | | | | | | | | | |
| Hydronephrosis | | | | | | | | | | | | | | | | | | | | | |
| Infarct | | | | | | | | | | 2 | | | | | | | | | | | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | 2 | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | 2 |
| Nephropathy | 2 | 1 | 1 | 1 | 2 | 2 | 3 | 2 | | 3 | | 1 | 1 | 2 | 1 | 1 | 1 | | 2 | | 1 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | 1 |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically M .. Missing tissue
 X .. Lesion present A .. Autolysis precludes evaluation
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| B6C3F1 MICE MALE
1000 mg/L | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | ANIMAL ID | 3 | 5 | 5 | 1 | 3 | 1 | 7 | 2 | 1 | 6 | 4 | 1 | 7 | 6 | 3 | 5 | 6 | |
| | | 6 | 4 | 3 | 8 | 9 | 8 | 3 | 6 | 8 | 1 | 7 | 8 | 3 | 3 | 9 | 6 | | |
| | | 0 | 8 | 4 | 5 | 9 | 5 | 0 | 0 | 5 | 8 | 6 | 5 | 1 | 9 | 9 | 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 | | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | |
|--|---|---|---|--|--|---|--|---|---|---|---|---|---|---|--|--|---|-------|
| Esophagus | + | + | + | | | | | + | + | + | + | + | + | + | | | | 51 |
| Gallbladder | + | M | M | | | | | + | + | + | + | + | + | + | | | | 47 |
| Intestine Large, Cecum | + | + | + | | | | | + | + | + | + | + | + | + | | | | 51 |
| Intestine Large, Colon | + | + | + | | | | | + | + | + | + | + | + | + | | | | 51 |
| Intestine Large, Rectum | + | + | + | | | | | + | + | + | + | + | + | + | | | | 51 |
| Intestine Small, Duodenum | + | + | + | | | | | + | + | + | + | + | + | + | | | | 51 |
| Intestine Small, Ileum | + | + | + | | | | | + | + | + | + | + | + | + | | | | 51 |
| Intestine Small, Jejunum | + | + | + | | | | | + | + | + | + | + | + | + | | | | 51 |
| Inflammation | | | | | | | | | | | | | | | | | | 2 1.5 |
| Peyer's Patch, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | 1 4.0 |
| Liver | + | + | + | | | | | + | + | + | + | + | + | + | | | | 51 |
| Angiectasis | | | | | | | | | | | | | | | | | | 1 2.0 |
| Basophilic Focus | X | | | | | | | | | | | | | | | | | 3 |
| Clear Cell Focus | X | | | | | X | | | | | | | X | | | | | 14 |
| Congestion | | | | | | | | | | | | | | | | | | 1 2.0 |
| Eosinophilic Focus | | | | | | | | | | | | | X | X | | | | 16 |
| Fatty Change | | | | | | | | | | | | | | | | | | 4 1.5 |
| Focus Of Cellular Alteration, Atypical | X | X | X | | | X | | | X | | | X | X | | | | X | 43 |
| Infarct | | | | | | | | | | | | | | | | | | 1 4.0 |
| Infiltration Cellular, Mixed Cell | | | | | | | | | | | | | | | | | | 1 3.0 |
| Inflammation | | | | | | | | | | | | | | | | | | 4 1.3 |

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

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

Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| B6C3F1 MICE MALE
1000 mg/L | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID | | | |
|-------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|-----------|--|----|-----|
| | | 3 | 5 | 5 | 1 | 3 | 1 | 7 | 2 | 1 | 6 | 4 | 1 | 7 | 6 | 3 | 5 | | | | |
| | | 6 | 4 | 3 | 8 | 9 | 8 | 3 | 6 | 8 | 1 | 7 | 8 | 3 | 3 | 9 | 6 | | | | |
| | | 0 | 8 | 4 | 5 | 9 | 5 | 0 | 0 | 5 | 8 | 6 | 5 | 1 | 9 | 9 | 8 | | | | |
| | | 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 | | | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | | | | |
| | | | | | | | | | | | | | | | | | * TOTALS | | | | |
| Mixed Cell Focus | | | | | | | | X | | | | | | | | | X | | | 5 | |
| Bile Duct, Cyst | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Capsule, Fibrosis | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Centrilobular, Fatty Change | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Hepatocyte, Necrosis | | | | | | | | | | | | | | | | | | | | 8 | 2.5 |
| Mesentery | | | | | | | | | | | | | | | | | | | | 6 | |
| Inflammation | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | | 2 | 3.0 |
| Pancreas | | + | + | + | | | | + | + | | + | + | | + | + | | + | | | 51 | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Salivary Glands | | + | + | + | | | | + | + | | + | + | | + | + | | + | | | 51 | |
| Stomach, Forestomach | | + | + | + | | | | + | + | | + | + | | + | + | | + | | | 51 | |
| Inflammation | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Ulcer | | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Stomach, Glandular | | + | + | + | | | | + | + | | + | + | | + | + | | + | | | 51 | |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Erosion | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Glands, Ectasia | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | |
|---------------------|--|---|---|---|--|--|--|---|---|--|---|---|--|---|---|--|---|--|--|----|-----|
| Blood Vessel | | + | + | + | | | | + | + | | + | + | | + | + | | + | | | 51 | |
| Aorta, Inflammation | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |

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

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

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE MALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 3 | 5 | 5 | 1 | 3 | 1 | 7 | 2 | 1 | 6 | 4 | 1 | 7 | 6 | 3 | 5 | |
| 1000 mg/L | | 6 | 4 | 3 | 8 | 9 | 8 | 3 | 6 | 8 | 1 | 7 | 8 | 3 | 3 | 9 | 6 | |
| | ANIMAL ID | 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 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |
| * TOTALS | | | | | | | | | | | | | | | | | | |

Aorta, Mineralization

1 3.0

Heart

51

Cardiomyopathy

33 1.2

Artery, Inflammation

1 3.0

Endocardium, Inflammation

1 2.0

Myocardium, Mineralization

2 2.0

ENDOCRINE SYSTEM

Adrenal Cortex

50

Angiectasis

1 2.0

Hyperplasia

1 1.0

Hypertrophy

9 1.1

Necrosis

1 4.0

Adrenal Medulla

50

Hyperplasia

1 2.0

Mineralization

1 1.0

Necrosis

1 4.0

Islets, Pancreatic

51

Parathyroid Gland

44

Pituitary Gland

51

Cyst

2 1.0

Thyroid Gland

51

Follicle, Cyst

1 2.0

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

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

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Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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Lab: BAT

| | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE MALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 3 | 5 | 5 | 1 | 3 | 1 | 7 | 2 | 1 | 6 | 4 | 1 | 7 | 6 | 3 | 5 | |
| 1000 mg/L | | 6 | 4 | 3 | 8 | 9 | 8 | 3 | 6 | 8 | 1 | 7 | 8 | 3 | 3 | 9 | 6 | |
| | | 0 | 8 | 4 | 5 | 9 | 5 | 0 | 0 | 5 | 8 | 6 | 5 | 1 | 9 | 9 | 8 | |
| | 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 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |
| * TOTALS | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

Peritoneum 1

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|--|--|---|--|---|--|--|---|---|--|--|--|-----------|-----------|------------|
| Epididymis | + | + | + | | | | | | | | | | | | | | | 51 | | |
| Atrophy | | | 3 | 4 | | | | | | | | | | | | | | | 17 | 2.1 |
| Granuloma Sperm | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Hypospermia | | | 4 | 3 | | | | | | 1 | | | | | | | | | 17 | 2.7 |
| Epithelium, Degeneration | | | | | | | | | | | | | | | | | | | 6 | 1.3 |
| Mesothelium, Hyperplasia | | | | | | | | | | 1 | | | | | | | | | 1 | 1.0 |
| Preputial Gland | + | + | + | | | | | | | | | | | | | | | 51 | | |
| Inflammation | | | 1 | | | | | | | | | | | | | | | | 8 | 1.8 |
| Duct, Ectasia | | | | | | | | | | 3 | | | | | | | | | 10 | 2.4 |
| Prostate | + | + | + | | | | | | | | | | | | | | | 51 | | |
| Atrophy | | | | 3 | | | | | | | | | | | | | | | 1 | 3.0 |
| Inflammation | | | | | | | | | | | | | 1 | | | | | | 2 | 1.5 |
| Arteriole, Inflammation | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Seminal Vesicle | + | + | + | | | | | | | | | | | | | | | 51 | | |
| Atrophy | | | | 3 | | | | | | | | | | | | | | | 1 | 3.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Testes | + | + | + | | | | | | | | | | | | | | | 51 | | |
| Atrophy | | | | 3 | 4 | | | 3 | | | | | | 3 | | | | | 23 | 2.9 |

HEMATOPOIETIC SYSTEM

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

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE MALE
1000 mg/L | DAY ON TEST | | | | | | | | | | | | | | | * TOTALS |
|------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------|
| | 0
3
6
0 | 0
5
4
8 | 0
5
3
4 | 0
1
8
5 | 0
3
9
9 | 0
1
8
5 | 0
7
3
0 | 0
2
6
0 | 0
1
8
5 | 0
6
1
8 | 0
4
7
6 | 0
1
8
5 | 0
7
3
9 | 0
6
3
9 | 0
3
9
8 | |
| 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 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | |
| Bone Marrow | + | + | + | | | | + | + | | + | + | | + | + | + | 51 |
| Angiectasis | | | | | | | | | | | | | | | | 2 2.0 |
| Lymph Node | | | | | | | | | | | | | | | | 5 |
| Axillary, Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | 1 3.0 |
| Lumbar, Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | 1 2.0 |
| Lumbar, Inflammation, Suppurative | | | | | | | | | | | | | | | | 1 3.0 |
| Renal, Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | 1 2.0 |
| Lymph Node, Mandibular | + | + | + | | | | + | + | | + | + | | + | + | + | 51 |
| Degeneration, Cystic | | | | | | | | | | | | | | | | 1 2.0 |
| Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | 1 3.0 |
| Lymph Node, Mesenteric | + | + | + | | | | + | M | | + | + | | + | + | + | 48 |
| Hemorrhage | | | | | | | | | | | | | | | | 2 2.5 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | 1 3.0 |
| Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | 1 3.0 |
| Necrosis, Lymphoid | | | | | | | | | | | | | | | | 1 2.0 |
| Spleen | + | + | + | | | | + | + | | + | + | | + | + | + | 50 |
| Atrophy | | | 3 | | | | | | | | | | | | | 1 3.0 |
| Hematopoietic Cell Proliferation | | | | | | | | | | 3 | | | | | | 4 2.3 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | 5 2.2 |
| Thymus | + | + | M | | | | + | + | | + | + | | + | + | + | 44 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | |
| Mammary Gland | M | M | + | | | | M | M | | M | + | | M | M | M | 7 |

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

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

Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

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 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| B6C3F1 MICE MALE
1000 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|
| | 0
3
6
0 | 0
5
4
8 | 0
5
3
4 | 0
1
8
5 | 0
3
9
9 | 0
1
8
5 | 0
7
3
0 | 0
2
6
0 | 0
1
8
5 | 0
6
1
8 | 0
4
7
6 | 0
1
8
5 | 0
7
3
1 | 0
6
3
9 | 0
3
9
9 | 0
5
6
8 | | |
| | ANIMAL ID | | | | | | | | | | | | | | | | | |
| | 0
3
5
1 | 0
0
3
2 | 0
0
3
3 | 0
0
3
4 | 0
0
3
5 | 0
0
3
5 | 0
0
3
5 | 0
0
3
5 | 0
0
3
5 | 0
0
3
5 | 0
0
6
6 | 0
0
3
6 | 0
0
3
6 | 0
0
3
6 | 0
0
3
6 | 0
0
3
5 | 0
0
3
6 | * TOTALS |
| Skin
Ulcer | + | + | + | | | | + | + | | | + | + | | + | + | | + | 51
1 4.0 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | |
| Bone
Cranium, Periosteum, Fibrosis | + | + | + | | | | + | + | | | + | + | | + | + | | + | 51
1 2.0 |
| Skeletal Muscle | | | | | | | | | | | | | | + | | | | 2 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | | | | + | + | | | + | + | | + | + | | + | 51 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | |
| Lung
Inflammation
Thrombosis
Alveolar Epithelium, Hyperplasia
Alveolus, Infiltration Cellular, Histiocyte
Capillary, Thrombosis | + | + | + | | | | + | + | | | + | + | | + | + | | + | 51
4 1.0
2 1.5
4 1.0
1 1.0
1 1.0 |
| Nose
Inflammation
Turbinates, Fibrosis, Focal | + | + | + | | | | + | + | | | + | + | | + | + | | + | 51
9 1.0
1 2.0 |
| Trachea
Inflammation | + | + | + | | | | + | + | | | + | + | | + | + | | + | 51
1 1.0 |

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

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Experiment Number: 96014 - 06

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Lab: BAT

| | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE MALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 3 | 5 | 5 | 1 | 3 | 1 | 7 | 2 | 1 | 6 | 4 | 1 | 7 | 6 | 3 | 5 | |
| 1000 mg/L | | 6 | 4 | 3 | 8 | 9 | 8 | 3 | 6 | 8 | 1 | 7 | 8 | 3 | 3 | 9 | 6 | |
| | | 0 | 8 | 4 | 5 | 9 | 5 | 0 | 0 | 5 | 8 | 6 | 5 | 1 | 9 | 9 | 8 | |
| | 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 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |
| * TOTALS | | | | | | | | | | | | | | | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|--------------|
| Eye | + | + | + | | | | | | | | | | | | | | | 51 | |
| Cataract | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Phthisis Bulbi | | | | | | | | | | | | | | | | | | | 2 |
| Synechia | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Cornea, Inflammation | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Harderian Gland | + | + | + | | | | | | | | | | | | | | | 51 | |
| Inflammation | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | 4 2.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------|---------------|
| Kidney | + | + | + | | | | | | | | | | | | | | | 51 | |
| Atrophy, Diffuse | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Casts Protein | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Hydronephrosis | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Infarct | | | | | | | | | | | | | | | | | | | 5 1.8 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | 3 1.7 |
| Nephropathy | | | | | | | | | | | | | | | | | | | 42 1.7 |
| Urinary Bladder | + | + | + | | | | | | | | | | | | | | | 51 | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | 1 3.0 |

*** END OF MALE DATA ***

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

+ .. Tissue examined microscopically

X .. Lesion present

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M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------------------|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0
4
8
4 | 0
7
3
0 | 0
7
3
0 | 0
5
8
4 | 0
7
3
0 | 0
7
2
9 | 0
6
0
4 | 0
7
1
2 | 0
5
9
6 | 0
5
4
0 | 0
7
2
5 | 0
5
6
1 | 0
7
3
1 | 0
7
0
4 | 0
6
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
3
0 | 0
5
7
6 | 0
7
3
0 | 0
7
3
0 | 0
7
2
6 | females
(cont...) |
| | ANIMAL ID | 0
4
0
1 | 0
0
4
2 | 0
0
4
3 | 0
0
4
4 | 0
0
4
5 | 0
0
4
6 | 0
0
4
7 | 0
0
4
8 | 0
0
4
9 | 0
0
4
0 | 0
0
4
1 | 0
0
4
1 | 0
0
4
1 | 0
0
4
1 | 0
0
4
1 | 0
0
4
5 | 0
0
4
6 | 0
0
4
7 | 0
0
4
8 | 0
0
4
9 | 0
0
4
0 | 0
0
4
1 | 0
0
4
2 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | M | + | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Large, Rectum | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Duodenum | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Ileum
Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Liver | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Basophilic Focus | | | | | | | | | | | | | X | | | | | | X | | | | | | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | X | | | | | | |
| Eosinophilic Focus | | | | | | | | | X | X | | X | X | | X | | X | X | X | X | | | | X | |
| Fatty Change | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | 1 | | | 2 | 1 | | | | | 1 | | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | | 1 | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | X | | | | X | | | | | | | | |
| Bile Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bile Duct, Hyperplasia | | | | | | | | | | | 1 | | | | | | | | | | | 1 | | | |

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

| B6C3F1 MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|--------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------|
| | 0
4
8
4 | 0
7
3
0 | 0
7
3
0 | 0
5
8
4 | 0
7
3
0 | 0
7
2
9 | 0
6
0
4 | 0
7
1
2 | 0
5
9
6 | 0
5
4
0 | 0
7
2
5 | 0
5
6
1 | 0
7
3
1 | 0
7
3
1 | 0
6
0
4 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
5
3
0 | 0
7
7
6 | 0
7
3
0 | 0
7
3
0 | 0
7
3
0 | |
| 0 mg/L | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0
4
0
1 | 0
0
4
2 | 0
0
4
3 | 0
0
4
4 | 0
0
4
5 | 0
0
4
6 | 0
0
4
7 | 0
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8 | 0
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4
9 | 0
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4
1 | 0
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2 | 0
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3 | 0
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4 | 0
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4
6 | 0
0
4
7 | 0
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4
8 | 0
0
4
9 | 0
0
4
0 | 0
0
4
1 | 0
0
4
2 | 0
0
4
3 | 0
0
4
4 | 0
0
4
5 |

Hepatocyte, Necrosis

1

Mesentery
Inflammation
Necrosis

+
3

+ + + +
3 3 3

+
3

Oral Mucosa
Gingival, Hyperplasia
Pharyngeal, Inflammation

+ +
2
1

Pancreas

M +

Salivary Glands

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

Stomach, Forestomach
Ulcer

+ + + + + + + + + + + 3 + + + + + + + + + + + +

Stomach, Glandular
Inflammation
Mineralization
Glands, Ectasia

+
1 2
1 1
1

CARDIOVASCULAR SYSTEM

Blood Vessel

+ +

Heart

+
1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2
Myocardium, Mineralization 1

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
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1-4 .. Lesion qualified as:
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 2) Mild 4) Marked

Experiment Number: 96014 - 06

Test Type: CHRONIC

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|---------------------------|---------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------------------|------------------|
| B6C3F1 MICE FEMALE | 0 mg/L | DAY ON TEST | 0
4
8
4 | 0
7
3
0 | 0
7
3
0 | 0
5
8
4 | 0
7
3
0 | 0
7
2
4 | 0
6
0
4 | 0
7
1
2 | 0
5
9
6 | 0
5
4
0 | 0
7
2
5 | 0
5
6
1 | 0
7
3
1 | 0
7
7
1 | 0
6
2
4 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
3
0 | 0
5
7
6 | 0
7
3
0 | 0
7
3
0 | 0
7
2
6 | females
(cont...) | |
| | | ANIMAL ID | 0
4
0
1 | 0
0
4
2 | 0
0
4
3 | 0
0
4
4 | 0
0
4
5 | 0
0
4
6 | 0
0
4
7 | 0
0
4
8 | 0
0
4
9 | 0
0
4
0 | 0
0
4
1 | 0
0
4
2 | 0
0
4
3 | 0
0
4
4 | 0
0
4
5 | 0
0
4
6 | 0
0
4
7 | 0
0
4
8 | 0
0
4
9 | 0
0
4
0 | 0
0
4
1 | 0
0
4
2 | 0
0
4
3 | | 0
0
4
4 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Ventricle, Thrombosis

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hypertrophy | | | | | 1 | 1 | | | | | 1 | | | 1 | | | | | | | | | | | | | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Islets, Pancreatic | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | M | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pituitary Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | | | 1 | 3 | | | | | | | | | | | | | | | | 2 | | 2 | | | | | |
| Thyroid Gland | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

1-4 .. Lesion qualified as:
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|---------------------------|---------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

females (cont...)

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Clitoral Gland | + | + | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cyst | | | | 3 | | | | | | | | | | | 4 | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Angiectasis | | | | | 2 | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| Inflammation | 4 | | | | | | | | | | | | | | | | 3 | | | | | 3 | 3 | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | | 3 | 3 | 2 | 4 | 2 | 2 | | 3 | 3 | 2 | | 4 | 3 | 4 | 1 | 4 | 2 | 4 | 4 | 4 | 1 | 3 | 4 | 4 | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Reticulum Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Lymph Node | | | | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | + |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Lymph Node, Mesenteric | + | + | + | M | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Spleen | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hematopoietic Cell Proliferation | | | | | | | | 3 | | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | |
| Hyperplasia, Lymphoid | | | | | 2 | 2 | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | 2 | |

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

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|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| | | 4 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 5 | 5 | 7 | 5 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | | |
| | | 8 | 3 | 3 | 8 | 3 | 2 | 0 | 1 | 9 | 4 | 2 | 6 | 3 | 3 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 4 | 0 | 0 | 4 | 0 | 9 | 4 | 2 | 6 | 0 | 5 | 1 | 1 | 1 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |

females
(cont...)

Infarct
Pigmentation, Hemosiderin

1

Thymus
Hyperplasia, Lymphoid

+ +

INTEGUMENTARY SYSTEM

Mammary Gland

+ +

Skin

+ +

MUSCULOSKELETAL SYSTEM

Bone
Maxilla, Osteomalacia

+ +

Skeletal Muscle

NERVOUS SYSTEM

Brain

+ M

RESPIRATORY SYSTEM

Lung
Inflammation
Alveolar Epithelium, Hyperplasia
Alveolus, Infiltration Cellular, Histiocyte

+
 3 1
 1
 1
 2 2
 1 1

Nose
Accumulation, Hyaline Droplet

+
 2

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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| B6C3F1 MICE FEMALE
0 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | 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 | | |
| | 4 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 5 | 5 | 7 | 5 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | |
| | 8 | 3 | 3 | 8 | 3 | 2 | 0 | 1 | 9 | 4 | 2 | 6 | 3 | 3 | 0 | 2 | 2 | 2 | 2 | 2 | 3 | 7 | 3 | 3 | |
| | 4 | 0 | 0 | 4 | 0 | 9 | 4 | 2 | 6 | 0 | 5 | 1 | 1 | 1 | 4 | 9 | 9 | 9 | 9 | 0 | 6 | 0 | 3 | 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 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | 2 | 1 | | | |
| Glands, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | |
| Cataract | | | | | | | | | | | | | | | | | | | | | 2 | 1 | | | |
| Cornea, Inflammation | | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| Retina, Dysplasia | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hydronephrosis | | | | | | | | | | | | | | | | | | | | | 1 | 2 | | | |
| Infarct | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Nephropathy | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | 2 | | 1 | 1 | 1 | 1 | 2 | | 1 | 1 | 1 | 1 | 1 | 1 | | |
| Renal Tubule, Cyst | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| Renal Tubule, Necrosis | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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

Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromodichloroacetic acid)
CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------------------------|--------|
| B6C3F1 MICE FEMALE
0 mg/L | DAY ON TEST | 0
4 | 0
4 | 0
4 | 0
6 | 0
7 | 0
1 | 0
1 | 0
1 | 0
1 | 0
5 | 0
6 | 0
7 | 0
7 | 0
7 | 0
7 | 0
7 | 0
6 | 0
7 | 0
7 | 0
6 | 0
2 | 0
7 | females
(cont...) | |
| | ANIMAL ID | 0
4 | 0
4 | 0
4 | 0
4 | 0
4 | 0
4 | 0
4 | 0
4 | 0
4 | 0
4 | 0
4 | 0
4 | 0
4 | 0
4 | 0
4 | 0
4 | 0
4 | 0
4 | 0
4 | 0
4 | 0
4 | 0
4 | | |
| | | 2
6 | 2
7 | 2
8 | 2
9 | 3
0 | 3
1 | 3
2 | 3
3 | 3
4 | 3
5 | 3
6 | 3
7 | 3
8 | 3
9 | 4
0 | 4
1 | 4
2 | 4
3 | 4
4 | 4
5 | 4
6 | 4
7 | | 4
8 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Esophagus | | | + | + | | | | | | | | | | | | | | | | | | | | | | |
| Gallbladder | | | + | + | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Cecum | | | + | + | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Colon | | | + | + | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Rectum | | | + | + | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Duodenum | | | + | + | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Ileum
Inflammation | | | + | + | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Jejunum | | | + | + | | | | | | | | | | | | | | | | | | | | | | |
| Liver | | | + | + | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | X | | | | | | | | | | | | | | | | | | | | | | |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bile Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bile Duct, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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2) Mild 4) Marked

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------------|---|---|---|---|---|---|---|---|
| B6C3F1 MICE 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 4 | 4 | 4 | 6 | 7 | 1 | 1 | 1 | 1 | 1 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 2 | 7 | 6 | 2 | 7 | 2 | 7 | 6 | 2 | 7 | 2 | 7 | |
| | | 0 | 0 | 0 | 9 | 2 | 8 | 8 | 8 | 8 | 8 | 4 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 7 | 2 | 2 | 1 | 7 | 4 | 1 | 7 | 2 | 1 | 7 | 2 | 1 | 7 | 2 | 1 | |
| | 0 | 0 | 0 | 4 | 9 | 5 | 5 | 5 | 5 | 5 | 9 | 4 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 9 | 9 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | 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 | |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | | | | | | | | |

Hepatocyte, Necrosis

Mesentery
 Inflammation
 Necrosis

+

3

+ +

3 3

Oral Mucosa
 Gingival, Hyperplasia
 Pharyngeal, Inflammation

Pancreas

+ + + + + + + + + + + + + + + + + + +

Salivary Glands

+ + + + + + + + + + + + + + + + + + +

Stomach, Forestomach
 Ulcer

+ + + + + + + + + + + + + + + + + + +

Stomach, Glandular
 Inflammation
 Mineralization
 Glands, Ectasia

+ + + + + + + + + + + + + + + + + + +

CARDIOVASCULAR SYSTEM

Blood Vessel

+ + + + + + + + + + + + + + + + + + +

Heart
 Cardiomyopathy
 Endocardium, Inflammation
 Myocardium, Inflammation
 Myocardium, Mineralization

+ +
1 1

+ + + + + + + + + + + + + + + + + + +
2 1 2 2 1 1 1 1 1 1 1

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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

Date Report Requested: 07/05/2012
Time Report Requested: 09:41:46
First Dose M/F: 09/26/06 / 09/25/06
Lab: BAT

| B6C3F1 MICE 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 | 0 | 0 | ANIMAL ID | | |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------------------|---|
| | 0 | 4 | 4 | 4 | 6 | 7 | 1 | 1 | 1 | 1 | 1 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 3 | 3 | 3 | 7 | 6 | 7 | 6 | 2 | | | 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 | | |
| | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 0 | | females (cont...) | |

Ventricle, Thrombosis 2

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Adrenal Cortex | + | + | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | | | + | + | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | | | + | + | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland | | | + | + | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | | | + | + | | | | | | | | | | | | | | | | | | | | | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | | | 1 | 3 | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | | | + | + | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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

Experiment Number: 96014 - 06
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: MICE/B6C3F1

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

Date Report Requested: 07/05/2012
Time Report Requested: 09:41:46
First Dose M/F: 09/26/06 / 09/25/06
Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE FEMALE | 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 | |
| | | 4 | 4 | 4 | 6 | 7 | 1 | 1 | 1 | 1 | 1 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 2 | 7 |
| | | 0 | 0 | 0 | 9 | 2 | 8 | 8 | 8 | 8 | 8 | 4 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 7 | 2 | 2 | 1 | 7 | 2 |
| 0 mg/L | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |

females
(cont...)

Infarct
Pigmentation, Hemosiderin

2

Thymus
Hyperplasia, Lymphoid

+ + + + + + + + + + + + + + + + +

INTEGUMENTARY SYSTEM

Mammary Gland

+ + + + + + + + + + + + + + + + +

Skin

+ + + + + + + + + + + + + + + + +

MUSCULOSKELETAL SYSTEM

Bone
Maxilla, Osteomalacia

+ + + + + + + + + + + + + + + + +

Skeletal Muscle

+

NERVOUS SYSTEM

Brain

+ + + + + + + + + + + + + + + + +

RESPIRATORY SYSTEM

Lung
Inflammation
Alveolar Epithelium, Hyperplasia
Alveolus, Infiltration Cellular, Histiocyte

+ + + + + + + + + + + + + + + + +

1

Nose
Accumulation, Hyaline Droplet

+ + + + + + + + + + + + + + + + +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
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|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE FEMALE | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 4 | 4 | 4 | 6 | 7 | 1 | 1 | 1 | 1 | 1 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 6 | 2 | 2 | 7 | 6 | 2 | 7 | 2 | 7 | 2 | 7 | 2 | 7 |
| | | 0 | 0 | 0 | 9 | 2 | 8 | 8 | 8 | 8 | 8 | 4 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 7 | 2 | 2 | 1 | 7 | 4 | 7 | 2 | 4 | 9 | 4 | 9 | 4 | 9 | |
| | | 0 | 0 | 0 | 4 | 9 | 5 | 5 | 5 | 5 | 5 | 9 | 4 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 9 | 9 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 0 mg/L | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | |

females (cont...)

Inflammation Glands, Dilatation Respiratory Epithelium, Hyperplasia 1

Trachea +

SPECIAL SENSES SYSTEM

Eye +
 Cataract
 Cornea, Inflammation
 Retina, Dysplasia

Harderian Gland +
 Epithelium, Hyperplasia 2 3

URINARY SYSTEM

Kidney +
 Hydronephrosis 1
 Infarct 2
 Infiltration Cellular, Mononuclear Cell 1
 Inflammation
 Metaplasia, Osseous
 Nephropathy 1 1 2 1 1 1 1 1 1 1 1 1 1
 Renal Tubule, Cyst
 Renal Tubule, Necrosis

Urinary Bladder +
 Infiltration Cellular, Mononuclear Cell 2

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 5 | 7 | 7 | 7 | 7 | 4 | 4 | 4 | 4 | 4 | 1 | 1 | 1 | 7 | 7 | 7 | 7 |
| 0 mg/L | | 4 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | 8 | 2 | 2 | 2 | 2 |
| | | 4 | 1 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 9 | 9 | 9 | 0 |
| | ANIMAL ID | 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 |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 6 |
| * TOTALS | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|--|--|--|--|--|--|---|---|---|--|---|--|--------|
| Esophagus | + | + | + | + | + | | | | | | | | | | | | | 50 |
| Gallbladder | + | + | + | + | + | | | | | | | | | | | | | 47 |
| Intestine Large, Cecum | + | + | + | + | + | | | | | | | | | | | | | 50 |
| Intestine Large, Colon | + | + | + | + | + | | | | | | | | | | | | | 50 |
| Intestine Large, Rectum | + | + | + | + | + | | | | | | | | | | | | | 49 |
| Intestine Small, Duodenum | + | + | + | + | + | | | | | | | | | | | | | 49 |
| Intestine Small, Ileum | + | + | + | + | + | | | | | | | | | | | | | 50 |
| Inflammation | | | | | | | | | | | | | | | | | | 1 1.0 |
| Intestine Small, Jejunum | + | + | + | + | + | | | | | | | | | | | | | 50 |
| Liver | + | + | + | + | + | | | | | | | | | | | | | 49 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | 3 |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | 5 |
| Eosinophilic Focus | | | X | | X | | | | | | | X | X | | | | | 22 |
| Fatty Change | | | | 1 | | | | | | | | | | 1 | | | | 4 1.0 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | 1 1.0 |
| Hemorrhage | | | | | | | | | | | | | | | | | | 1 3.0 |
| Inflammation | | 1 | 1 | 2 | 1 | | | | | | | | | | | 2 | | 27 1.1 |
| Mixed Cell Focus | | | | | X | | | | | | | | | | | | | 4 |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | 4 |
| Bile Duct, Cyst | | | | | | | | | | | | | | | | 2 | | 1 2.0 |
| Bile Duct, Hyperplasia | | | | | | | | | | | | | | | | | | 2 1.0 |

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

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

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------|--|
| | 0
5
4
4 | 0
7
0
1 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
4
0
0 | 0
4
0
0 | 0
4
0
0 | 0
4
0
0 | 0
4
0
0 | 0
4
0
0 | 0
1
8
5 | 0
1
8
5 | 0
1
8
5 | 0
7
2
9 | | 0
7
2
9 | 0
7
2
0 | | |
| 0 mg/L | ANIMAL ID | | | | | | | | | | | | | | | | | | | |
| | 0
0
4
5
1 | 0
0
4
5
2 | 0
0
4
5
3 | 0
0
4
5
4 | 0
0
4
5
5 | 0
0
4
5
6 | 0
0
4
5
7 | 0
0
4
5
8 | 0
0
4
5
9 | 0
0
4
5
0 | 0
0
4
5
1 | 0
0
4
6
2 | 0
0
4
6
3 | 0
0
4
6
4 | 0
0
4
6
5 | 0
0
4
6
6 | 0
0
4
6
7 | 0
0
4
6
8 | | |
| | | | | | | | | | | | | | | | | * TOTALS | | | | |
| Hepatocyte, Necrosis | | | | | | | | | | | | | | | | 3 | 2 2.0 | | | |
| Mesentery | | | | | | | | | | | | | | | | | 10 | | | |
| Inflammation | | | | | | | | | | | | | | | | | 1 3.0 | | | |
| Necrosis | | | | | | | | | | | | | | | | | 7 3.0 | | | |
| Oral Mucosa | | | | | | | | | | | | | | | | | 2 | | | |
| Gingival, Hyperplasia | | | | | | | | | | | | | | | | | 1 2.0 | | | |
| Pharyngeal, Inflammation | | | | | | | | | | | | | | | | | 1 1.0 | | | |
| Pancreas | + | + | + | + | + | | | | | | | | | | | + | + | + | 49 | |
| Salivary Glands | + | + | + | + | + | | | | | | | | | | | + | + | + | 48 | |
| Stomach, Forestomach | + | + | + | + | + | | | | | | | | | | | + | + | + | 50 | |
| Ulcer | | | | | | | | | | | | | | | | | 1 3.0 | | | |
| Stomach, Glandular | + | + | + | + | + | | | | | | | | | | | + | + | + | 50 | |
| Inflammation | | | | | | | | | | | | | | | | | 1 1.0 | | | |
| Mineralization | | | | | | | | | | | | | | | | | 1 2.0 | | | |
| Glands, Ectasia | | | | | | | | | | | | | | | | | 2 1.0 | | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | | | | | | | | | | | + | + | + | 50 | |
| Heart | + | + | + | + | + | | | | | | | | | | | + | + | + | 50 | |
| Cardiomyopathy | 2 | 1 | 1 | 1 | 2 | | | | | | | | | | | 1 | 1 | 1 | 38 1.2 | |
| Endocardium, Inflammation | | | | | | | | | | | | | | | | | 2 | 1 2.0 | | |
| Myocardium, Inflammation | | | | | | | | | | | | | | | | | 1 | 1 1.0 | | |
| Myocardium, Mineralization | | | | | | | | | | | | | | | | | 1 | 1 1.0 | | |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| B6C3F1 MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | ANIMAL ID | | |
|--------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 0
5
4
4 | 0
7
0
1 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
4
0
0 | 0
4
0
0 | 0
4
0
0 | 0
4
0
0 | 0
4
0
0 | 0
4
0
0 | 0
1
8
5 | 0
1
8
5 | 0
1
8
5 | 0
7
2
9 | | | 0
7
2
9 |
| 0 mg/L | 0
4
5
1 | 0
0
4
2 | 0
0
4
3 | 0
0
4
4 | 0
0
4
5 | 0
0
4
6 | 0
0
4
7 | 0
0
4
8 | 0
0
4
9 | 0
0
4
0 | 0
0
4
1 | 0
0
4
2 | 0
0
4
3 | 0
0
4
4 | 0
0
4
5 | 0
0
4
6 | 0
0
4
7 | |
| * TOTALS | | | | | | | | | | | | | | | | | | |

Ventricle, Thrombosis

1 2.0

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|----|----|-----|
| Adrenal Cortex | + | + | + | + | + | | | | | | | | | | | | | 49 | | |
| Hyperplasia | | | 1 | | | | | | | | | | | | | | | | 7 | 1.1 |
| Hypertrophy | | | | | | | | | | | | | | | | | | | 5 | 1.0 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Adrenal Medulla | + | + | + | + | + | | | | | | | | | | | | | 50 | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Islets, Pancreatic | + | + | + | + | + | | | | | | | | | | | | | 49 | | |
| Parathyroid Gland | M | + | + | + | + | | | | | | | | | | | | | 45 | | |
| Cyst | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Pituitary Gland | + | + | + | + | + | | | | | | | | | | | | | 49 | | |
| Angiectasis | | | 1 | | | | | | | | | | | | | | | | 3 | 2.0 |
| Cyst | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Mineralization | 1 | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Pars Distalis, Hyperplasia | | | 2 | | 3 | | | | | | | | | | | | | | 14 | 2.1 |
| Thyroid Gland | + | + | + | + | + | | | | | | | | | | | | | 49 | | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Follicle, Cyst | | | 2 | | | | | | | | | | | | | | | | 1 | 2.0 |

GENERAL BODY SYSTEM

NONE

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

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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Experiment Number: 96014 - 06

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Species/Strain: MICE/B6C3F1

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Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 5 | 7 | 7 | 7 | 7 | 4 | 4 | 4 | 4 | 4 | 1 | 1 | 1 | 7 | 7 | 7 | 7 |
| 0 mg/L | | 4 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | 8 | 2 | 2 | 2 | 2 |
| | | 4 | 1 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 9 | 9 | 9 | 9 |
| | 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 |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 6 |
| * TOTALS | | | | | | | | | | | | | | | | | | |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--------|
| Clitoral Gland | + | + | + | + | + | | | | | | | | | | | | | 47 |
| Ovary | + | + | + | + | + | | | | | | | | | | | | | 50 |
| Cyst | | | | | | | | | | | | | | | | | | 4 2.5 |
| Infiltration Cellular, Mononuclear Cell | | | | 1 | | | | | | | | | | | | | | 1 1.0 |
| Uterus | + | + | + | + | + | | | | | | | | | | | | | 50 |
| Angiectasis | | | | | | | | | | | | | | | | | | 2 2.5 |
| Inflammation | | | | | | | | | | | | | | | | | | 4 3.3 |
| Endometrium, Hyperplasia, Cystic | 4 | 3 | 3 | 3 | 4 | | | | | | | | | | | | | 44 3.3 |
| Endometrium, Hyperplasia, Reticulum Cell | | | | | | | | | | | | | | | | | | 1 2.0 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--------|
| Bone Marrow | + | + | + | + | + | | | | | | | | | | | | | 50 |
| Hyperplasia | | | | | | | | | | | | | | | | | | 1 2.0 |
| Lymph Node | | | | | | | | | | | | | | | | | | 2 |
| Lymph Node, Mandibular | + | + | + | + | + | | | | | | | | | | | | | 48 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation | | | | | | | | | | | | | | | | | | 1 2.0 |
| Lymph Node, Mesenteric | + | + | + | + | + | | | | | | | | | | | | | 48 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | 1 2.0 |
| Spleen | + | + | + | + | + | | | | | | | | | | | | | 49 |
| Hematopoietic Cell Proliferation | | | | 3 | | | | | | | | | | | | | | 5 2.6 |
| Hyperplasia, Lymphoid | | 2 | | | | | | | | | | | | | | | | 16 2.3 |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

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Experiment Number: 96014 - 06
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 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

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 Lab: BAT

| B6C3F1 MICE FEMALE
0 mg/L | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|-----|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Infarct | | 4 | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Thymus | | + | + | + | + | + | | | | | | | | + | + | + | | 50 | | |
| Hyperplasia, Lymphoid | | | | | | 4 | | | | | | | | | | | | 1 | 4.0 | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | | + | + | + | + | + | | | | | | | | + | + | + | | 50 | | |
| Skin | | + | + | + | + | + | | | | | | | | + | + | + | | 50 | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | |
| Bone | | + | + | + | + | + | | | | | | | | + | + | + | | 50 | | |
| Maxilla, Osteomalacia | | | | | | | | | | | | | | | 2 | | | 1 | 2.0 | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | 1 | | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | |
| Brain | | + | + | + | + | + | | | | | | | | + | + | + | | 49 | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | |
| Lung | | + | + | + | + | + | | | | | | | | + | + | + | | 50 | | |
| Inflammation | | | | | | 1 | | | | | | | | | | | | 4 | 1.5 | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | 3 | 1.7 | |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | 3 | 1.0 | |
| Nose | | + | + | + | + | + | | | | | | | | + | + | + | | 50 | | |
| Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | 1 | 2.0 | |

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

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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Experiment Number: 96014 - 06

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Route: DOSED WATER

Species/Strain: MICE/B6C3F1

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CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE FEMALE | DAY ON TEST | | | | | | | | | | | | | | | ANIMAL ID | |
|--------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| 0 mg/L | 5 | 7 | 7 | 7 | 7 | 4 | 4 | 4 | 4 | 4 | 1 | 1 | 1 | 7 | 7 | 7 | 0 |
| | 4 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | 8 | 2 | 2 | 2 | 0 |
| | 4 | 1 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 9 | 9 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |
| * TOTALS | | | | | | | | | | | | | | | | | |

| | | |
|-------------------------------------|---|-----|
| Inflammation | 3 | 1.3 |
| Glands, Dilatation | 1 | 1.0 |
| Respiratory Epithelium, Hyperplasia | 1 | 2.0 |

| | | | | | | | | | |
|---------|---|---|---|---|---|---|---|---|----|
| Trachea | + | + | + | + | + | + | + | + | 50 |
|---------|---|---|---|---|---|---|---|---|----|

SPECIAL SENSES SYSTEM

| | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|----|-----|
| Eye | + | + | + | + | + | + | + | + | 48 | |
| Cataract | | | | | | | | | 2 | 1.5 |
| Cornea, Inflammation | | | | | | | | | 1 | 3.0 |
| Retina, Dysplasia | | | | | | | | | 1 | 1.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | 48 | |
| Epithelium, Hyperplasia | | | | | | | | | 2 | 2.5 |

URINARY SYSTEM

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|-----|
| Kidney | + | + | + | + | + | + | + | + | 50 | |
| Hydronephrosis | | | | | | | | | 3 | 1.3 |
| Infarct | | | | | | | | | 4 | 1.5 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | 2 | 1.0 |
| Inflammation | | | | | 1 | | | | 1 | 3.0 |
| Metaplasia, Osseous | | | | | | | | | 1 | 1.0 |
| Nephropathy | | | | | 1 | 1 | 1 | 1 | 40 | 1.1 |
| Renal Tubule, Cyst | | | | | | | | | 1 | 2.0 |
| Renal Tubule, Necrosis | | | | | | | | | 1 | 2.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | 50 | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | 1 | 2.0 |

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

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

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 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| B6C3F1 MICE 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 | ANIMAL ID | females
(cont...) |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------------------|
| | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 6 | 5 | 7 | 7 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 2 | 0 | 3 | 8 | 4 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 9 | 5 | 5 | 0 | 8 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 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 | 5 | 5 | 5 | 5 | 5 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 5 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | M | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum
Diverticulum
Epithelium, Hyperplasia
Lymphoid Tissue, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum
Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum
Epithelium, Hyperplasia
Peyer's Patch, Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver
Angiectasis
Basophilic Focus
Clear Cell Focus
Eosinophilic Focus
Fatty Change
Focus Of Cellular Alteration, Atypical | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | X | X | X | | | X | | | | | | | | | | | |
| | | X | X | | | X | X | X | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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

Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| B6C3F1 MICE FEMALE
250 mg/L | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
|----------------------------------|--|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------------|--------|
| | | 067730 | 077730 | 087730 | 097730 | 107730 | 117730 | 127730 | 137730 | 147730 | 157730 | 167730 | 177730 | 187730 | 197730 | 207730 | 217730 | 227730 | 237730 | 247730 | 257730 | | 267730 |
| ANIMAL ID | | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | |
| Infarct | | | | | | | | | | | | | | 4 | | | | | | | | | |
| Inflammation | | | | | 1 | 2 | 1 | | 1 | | 1 | 1 | | | 2 | 1 | | | | | 1 | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | | | | | | | | X | | X | | | | | | | | | X | | | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | |
| Bile Duct, Hyperplasia | | | | | | | | | | | | | | 1 | | | | | | | | | |
| Centrilobular, Fatty Change | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Hypertrophy | | 2 | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Necrosis | | | | | | | | | | | | | | 2 | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | |
| Pharyngeal, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization, Focal | | | | | | | | | | | | | | | | | | | | | | | |
| Acinus, Atrophy | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Tooth | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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Experiment Number: 96014 - 06

Test Type: CHRONIC

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CAS Number: 71133-14-7

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Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------------|-----------------------|-----------------------|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0
6
7
3 | 0
7
3
0 | 0
7
3
0 | 0
7
3
0 | 0
7
3
0 | 0
7
3
1 | 0
7
3
1 | 0
7
3
1 | 0
7
3
1 | 0
7
3
0 | 0
5
2
9 | 0
6
2
5 | 0
7
0
5 | 0
6
8
8 | 0
5
4
9 | 0
7
3
0 | 0
4
3
0 | 0
4
0
0 | 0
4
0
0 | 0
4
0
0 | 0
4
0
0 | females
(cont...) | | |
| | ANIMAL ID | 0
0
5
0
1 | 0
0
5
0
2 | 0
0
5
0
3 | 0
0
5
0
4 | 0
0
5
0
5 | 0
0
5
0
6 | 0
0
5
0
7 | 0
0
5
0
8 | 0
0
5
0
9 | 0
0
5
0
0 | 0
0
5
0
1 | 0
0
5
0
2 | 0
0
5
0
3 | 0
0
5
0
4 | 0
0
5
0
5 | 0
0
5
0
6 | 0
0
5
0
7 | 0
0
5
0
8 | 0
0
5
0
9 | 0
0
5
0
0 | 0
0
5
0
1 | | 0
0
5
0
2 | 0
0
5
0
3 |

Pulp, Inflammation

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cardiomyopathy | | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | | | | | 1 | |
| Ventricle, Thrombosis | | | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Degeneration, Cyst | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | 1 | | | | | | | | 1 | 1 |
| Hypertrophy | | | | 1 | | | | | | | | | | | 1 | | 1 | | | | | | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Amyloid Deposition | | | | | | | | | | | | | | 1 | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | | | | | | 2 | 3 | 3 | 1 | | | 3 | 2 | | | | | | | | | | |

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

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

Experiment Number: 96014 - 06

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Species/Strain: MICE/B6C3F1

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Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

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First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 6 | 5 | 7 | 7 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | | |
| | | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 2 | 0 | 3 | 8 | 4 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 9 | 5 | 5 | 0 | 8 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |

females (cont...)

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| Thyroid Gland Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| C-cell, Hyperplasia Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 2 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | |
| Ovary Angiectasis Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Uterus Inflammation Mineralization Endometrium, Hyperplasia, Cystic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | | 3 | 1 | 4 | 4 | 4 | 4 | 3 | 3 | 1 | | 4 | 2 | 4 | 4 | 1 | 4 | 2 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Lymph Node Lumbar, Hyperplasia, Plasma Cell Mediastinal, Hyperplasia, Plasma Cell Renal, Degeneration, Cystic | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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I .. Insufficient tissue BLANK .. Not examined microscopically 2) Mild 4) Marked

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 Lab: BAT

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-----------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------------|---|
| B6C3F1 MICE 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 | | |
| | | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 | 7 | 6 | 5 | 7 | 7 | 4 | 4 | 4 | | 4 |
| | | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 2 | 0 | 3 | 8 | 4 | 3 | 3 | 1 | 0 | 0 | | 0 |
| | | 3 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 9 | 5 | 5 | 0 | 8 | 9 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 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 | 5 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | females
(cont...) | |

NERVOUS SYSTEM

Brain + + + + + + + + + + + + + + + + + + +

RESPIRATORY SYSTEM

Lung + + + + + + + + + + + + + + + + + + +

Inflammation 1 2

Alveolar Epithelium, Hyperplasia 2 1

Alveolus, Infiltration Cellular, Histiocyte 2 2

Perivascular, Infiltration Cellular, Mononuclear Cell 1 3 2

Nose + + + + + + + + + + + + + + + + + + +

Accumulation, Hyaline Droplet 1

Inflammation 2

Goblet Cell, Hypertrophy

Trachea + + + + + + + + + + + + + + + + + + +

SPECIAL SENSES SYSTEM

Eye + + + + + + + + + + + + + + + + + + +

Cataract 2

Cornea, Hyperplasia, Squamous 1 1

Cornea, Inflammation 1

Retina, Dysplasia 1

Harderian Gland + + + + + + + + + + + + + + + + + + +

Epithelium, Hyperplasia 2 1 1

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

| B6C3F1 MICE FEMALE
250 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | | | |
|---|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------|----------------------|--------|------------------|--------|
| | 0
4 | 0
4 | 0
4 | 0
7 | 0
3 | 0
7 | 0
6 | 0
7 | 0
7 | 0
7 | 0
1 | 0
1 | 0
1 | 0
1 | 0
7 | 0
7 | 0
7 | 0
6 | 0
7 | 0
6 | | | 0
7 | 0
5 | 0
7 |
| | 0 | 0 | 0 | 2 | 8 | 3 | 4 | 3 | 3 | 3 | 8 | 8 | 8 | 8 | 3 | 3 | 3 | 5 | 3 | 5 | 3 | 0 | 0 | 0
0 | |
| | 0 | 0 | 0 | 9 | 6 | 1 | 2 | 1 | 1 | 1 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 9 | 0 | 9 | 0 | 9 | 9 | 0
0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0
5
2
6 | |
| Lymph Node, Mandibular
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | | | | + | + | + | + | + | + | + | | | | | + | + | + | + | + | + | + | + | M | + | |
| | | | | | | | | | | | | | | | | | | 2 | | | | | | | |
| Lymph Node, Mesenteric
Degeneration, Cystic
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid
Hyperplasia, Plasma Cell
Inflammation | | | | + | + | + | + | + | + | + | | | | | + | + | + | + | + | + | + | + | + | + | |
| | | | | 1 | | | | | | 2 | | | | | | | | 3 | 2 | | | | | | |
| | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| Spleen
Accessory Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid
Pigmentation, Hemosiderin | | | | + | + | + | + | + | + | + | | | | | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 2 | 2 | | 2 | | | | | | | | 2 | | | | | 2 | | | 2 | 1 | |
| | | | | 1 | 1 | | | | | | | | | | | | | | | | | 2 | | | |
| Thymus | | | | + | + | + | + | + | + | + | | | | | + | + | + | + | + | + | + | + | + | + | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | | | | + | + | + | + | + | + | + | | | | | + | + | + | + | + | + | + | + | + | + | |
| Skin | | | | + | + | + | + | + | + | + | | | | | + | + | + | + | + | + | + | + | + | + | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | | | | + | + | + | + | + | + | + | | | | | + | + | + | + | + | + | + | + | + | + | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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

Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 4 | 4 | 4 | 7 | 3 | 7 | 6 | 7 | 7 | 7 | 1 | 1 | 1 | 1 | 1 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 5 | 3 | 2 | 6 | 7 | 5 | 7 | 5 | 2 | 0 | 7 | 2 | 9 | | |
| | | 0 | 0 | 0 | 2 | 8 | 3 | 4 | 3 | 3 | 3 | 8 | 8 | 8 | 8 | 3 | 3 | 3 | 5 | 3 | 3 | 5 | 3 | 2 | 9 | 9 | 1 | 9 | 2 | 0 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| | 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 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 |

females
(cont...)

NERVOUS SYSTEM

Brain +

RESPIRATORY SYSTEM

Lung +

Inflammation 1 1

Alveolar Epithelium, Hyperplasia

Alveolus, Infiltration Cellular, Histiocyte

Perivascular, Infiltration Cellular, Mononuclear Cell 2

Nose +

Accumulation, Hyaline Droplet 2

Inflammation 1 1

Goblet Cell, Hypertrophy

Trachea +

SPECIAL SENSES SYSTEM

Eye +

Cataract

Cornea, Hyperplasia, Squamous 1

Cornea, Inflammation

Retina, Dysplasia

Harderian Gland +

Epithelium, Hyperplasia

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
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Experiment Number: 96014 - 06
 Test Type: CHRONIC
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 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| B6C3F1 MICE FEMALE | 250 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 | | | | |
| | | 4 | 4 | 4 | 7 | 3 | 7 | 6 | 7 | 7 | 7 | 1 | 1 | 1 | 1 | 1 | 7 | 7 | 6 | 7 | 6 | 7 | 5 | 7 | | | | |
| | | 0 | 0 | 0 | 2 | 8 | 3 | 4 | 3 | 3 | 3 | 8 | 8 | 8 | 8 | 8 | 3 | 3 | 3 | 5 | 3 | 2 | 9 | 2 | 0 | 2 | | |
| | | 0 | 0 | 0 | 9 | 6 | 1 | 2 | 1 | 1 | 1 | 5 | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 9 | 0 | 9 | 1 | 2 | 0 | 2 | | |
| | | 0 | 0 | 0 | 0 | 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 | 5 | 5 | 5 | 5 | | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|--|--|--|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|
| Kidney | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydronephrosis | | | | + | + | + | + | + | + | + | | | | | | | | | | | | | | | | | | | |
| Infarct | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | 2 | |
| Inflammation | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | |
| Metaplasia, Osseous | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | | | | 1 | | 1 | 1 | 1 | | 1 | | | | | | | | | | | | | | | | | | | |
| Glomerulus, Amyloid Deposition | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Papilla, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Hyperplasia | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | + | + | + | + | + | + | + | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | |

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

1-4 .. Lesion qualified as:
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Experiment Number: 96014 - 06
 Test Type: CHRONIC
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 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 2 | 7 | 6 | 7 | 6 | 1 | 1 | 1 | 1 |
| 250 mg/L | ANIMAL ID | 2 | 2 | 2 | 0 | 2 | 6 | 2 | 2 | 9 | 2 | 6 | 3 | 6 | 8 | 8 | 8 | 8 |
| | | 9 | 9 | 9 | 1 | 9 | 6 | 9 | 9 | 8 | 9 | 9 | 0 | 6 | 5 | 5 | 5 | 5 |
| | | 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 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |
| * TOTALS | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Diverticulum | | | | | | | | | | | | | | | | | | 1 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | 1 2.0 |
| Lymphoid Tissue, Hyperplasia | | | | | | | | | | | | | | | | | | 1 2.0 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation | | | | | | | | | | | | | | | | | | 1 2.0 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | 1 2.0 |
| Peyer's Patch, Mineralization | | | | | | | | | | | | | | | | | | 1 1.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Angiectasis | | | | | | | | | | | | | | | | | | 1 2.0 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | 1 |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | 5 |
| Eosinophilic Focus | X | X | | X | X | | | | | | X | X | | | | | | 33 |
| Fatty Change | | | | | | | | | | | | | | | | | | 2 1.0 |
| Focus Of Cellular Alteration, Atypical | | | | | | | | | | | | | | | | | | 2 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
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 BLANK .. Not examined microscopically

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 1) Minimal 3) Moderate
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Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE FEMALE
250 mg/L | DAY ON TEST | | | | | | | | | | | | | | | * TOTALS | |
|--------------------------------|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
6
6
6 | 0
7
2
9 | 0
7
2
9 | 0
2
9
8 | 0
7
6
9 | 0
7
6
9 | 0
6
3
0 | 0
6
6
6 | 0
1
8
5 | 0
1
8
5 | | 0
1
8
5 |
| ANIMAL ID | 0
0
5
5
1 | 0
0
5
5
2 | 0
0
5
5
3 | 0
0
5
5
4 | 0
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5 | 0
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6 | 0
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5
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7 | 0
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5
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8 | 0
0
5
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9 | 0
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1 | 0
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2 | 0
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5
3 | 0
0
5
5
4 | 0
0
5
5
5 | 0
0
5
5
6 | 0
0
5
5
6 |
| | Hematopoietic Cell Proliferation | | | | 2 | | | | | | | | | 3 | | | |
| Infarct | | | | | | | | | | | | | | | | | 1 4.0 |
| Inflammation | | | 1 | | | | 1 | | | 1 | | | | | | | 18 1.2 |
| Mineralization | | | | 2 | | | | | | | | | | | | | 1 2.0 |
| Mixed Cell Focus | | | | X | | X | | X | | | | | X | | | | 10 |
| Tension Lipidosis | | | | | | | | | | | | | | | | | 1 |
| Bile Duct, Hyperplasia | | | | 1 | | | | | | | | | | | | | 4 1.0 |
| Centrilobular, Fatty Change | | | | 4 | | | | | | | | | | | | | 2 3.0 |
| Hepatocyte, Hypertrophy | | | | | | | | | | | | | | | | | 1 2.0 |
| Hepatocyte, Necrosis | | | | 2 | | | | | | | | | | | | | 4 1.8 |
| Mesentery | | | | | | | | | + | + | | | | | | | 13 |
| Necrosis | | | | | | | | | 3 | 3 | | | | | | | 11 3.0 |
| Oral Mucosa | | | | | | | | | | | | | | | | | 2 |
| Pharyngeal, Hyperplasia | | | | | | | | | | | | | | | | | 2 1.5 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 50 |
| Inflammation | | | | | | | | | | | | | | | | | 1 3.0 |
| Mineralization, Focal | | | | | | | | | | | | | | | | | 1 2.0 |
| Acinus, Atrophy | | | | 2 | | | | | | | | | | | | | 3 2.7 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 49 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 50 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 50 |
| Mineralization | | | | | | | | | | | | | | 1 | | | 3 1.0 |
| Tooth | | | | | | | | | | | | | | | | | 2 |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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1) Minimal 3) Moderate

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CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

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Lab: BAT

| | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 2 | 7 | 6 | 7 | 6 | 1 | 1 | 1 | |
| 250 mg/L | | 2 | 2 | 2 | 0 | 2 | 6 | 2 | 2 | 9 | 2 | 6 | 3 | 6 | 8 | 8 | 8 | |
| | ANIMAL ID | 9 | 9 | 9 | 1 | 9 | 6 | 9 | 9 | 8 | 9 | 9 | 0 | 6 | 5 | 5 | 5 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |
| * TOTALS | | | | | | | | | | | | | | | | | | |

Pulp, Inflammation

2 1.5

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|---------------|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | 50 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | 50 |
| Cardiomyopathy | 1 | 1 | | 1 | 1 | | | | 2 | 2 | 1 | | 1 | | | | | 34 1.2 |
| Ventricle, Thrombosis | | | | | | | | | | 3 | | | | | | | | 1 3.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|---------------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | 50 |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | 2 1.5 |
| Hematopoietic Cell Proliferation | | | | 2 | | | | | | | | | | 2 | | | | 3 1.7 |
| Hyperplasia | | | | | 1 | | 1 | | | | 1 | | | | | | | 12 1.1 |
| Hypertrophy | 1 | | | | | | | | | | | 2 | | | | | | 10 1.1 |
| Vacuolization Cytoplasmic | | | | | | | | 3 | | | | | | | | | | 2 2.5 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | 50 |
| Amyloid Deposition | | | | | | | | | | | | | | | | | | 1 1.0 |
| Hyperplasia | | | | | | | | | | | | | | | | | | 1 2.0 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | 50 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | M | + | + | + | + | | | | | 46 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | 49 |
| Cyst | | | | | | | | | | | | | | | | | | 1 2.0 |
| Pars Distalis, Hyperplasia | | | | 1 | | 1 | | | | | | | | | | | | 12 2.2 |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 2 | 7 | 6 | 7 | 6 | 1 | 1 | 1 | |
| 250 mg/L | | 2 | 2 | 2 | 0 | 2 | 6 | 2 | 2 | 9 | 2 | 6 | 3 | 6 | 8 | 8 | 8 | |
| | | 9 | 9 | 9 | 1 | 9 | 6 | 9 | 9 | 8 | 9 | 0 | 6 | 5 | 5 | 5 | | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
| | | 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 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |

| | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|------------|
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Inflammation | | | | | | | | | | | | | | | | | | 2 | 1.0 |
| C-cell, Hyperplasia | | | | | | | | | | | | | | | | | | 2 | 1.0 |
| Follicle, Cyst | | | | | | | | | | | 2 | | | | | | | 6 | 1.5 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------|------------|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Angiectasis | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Cyst | | | | | | | | | | | 2 | | | | | | | 3 | 2.0 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Inflammation | | | | | | | | | | | | | | | | | | 2 | 3.5 |
| Mineralization | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Endometrium, Hyperplasia, Cystic | 3 | 4 | 4 | 4 | 4 | 2 | 3 | 2 | 3 | 4 | 3 | 3 | 4 | | | | | 45 | 3.2 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|------------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Lymph Node | | | | | | | | | | | | | | | | | 3 | | |
| Lumbar, Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Mediastinal, Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Renal, Degeneration, Cystic | | | | | | | | | | | | | | | | | | 1 | 4.0 |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE FEMALE
250 mg/L | DAY ON TEST | | | | | | | | | | | | | | | * TOTALS | | |
|---|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------------------|---------------------------------|
| | 07
29 | 07
29 | 07
29 | 07
01 | 07
02 | 07
06 | 07
07 | 07
09 | 07
09 | 07
09 | 07
09 | 07
09 | 07
09 | 07
09 | 07
09 | | | |
| ANIMAL ID | 00551 | 00552 | 00553 | 00554 | 00555 | 00556 | 00557 | 00558 | 00559 | 00560 | 00561 | 00562 | 00563 | 00564 | 00565 | 00566 | | |
| | Lymph Node, Mandibular
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | 1
2 |
| Lymph Node, Mesenteric
Degeneration, Cystic
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid
Hyperplasia, Plasma Cell
Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1
2
2
3
2 | 4.0
1.5
2.5
2.3
1.0 |
| Spleen
Accessory Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid
Pigmentation, Hemosiderin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1
4
16
4 | 1
2.5
2.1
1.3 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Skeletal Muscle | | | | | | | | | | | | | | | | 2 | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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

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

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 2 | 7 | 6 | 7 | 6 | 1 | 1 | 1 | |
| 250 mg/L | | 2 | 2 | 2 | 0 | 2 | 6 | 2 | 2 | 9 | 2 | 6 | 3 | 6 | 8 | 8 | 8 | |
| | | 9 | 9 | 9 | 1 | 9 | 6 | 9 | 9 | 8 | 9 | 9 | 0 | 6 | 5 | 5 | 5 | |
| | 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 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |
| * TOTALS | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|------------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Inflammation | | | | | | | | | | | | | | | | | | | 5 | 1.2 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | 2 | 2.0 |
| Perivascular, Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | 4 | 2.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Inflammation | | | | | | | | | | | | | | | | | | | 4 | 1.0 |
| Goblet Cell, Hypertrophy | | | | | | | | | | | | | | | | | | | 2 | 2.0 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|------------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Cataract | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Cornea, Hyperplasia, Squamous | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Cornea, Inflammation | | | | | | | | | | | | | | | | | | | 3 | 1.0 |
| Retina, Dysplasia | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | 3 | 1.3 |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

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2) Mild 4) Marked

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 2 | 7 | 6 | 7 | 6 | 1 | 1 | 1 | |
| 250 mg/L | | 2 | 2 | 2 | 0 | 2 | 6 | 2 | 2 | 9 | 2 | 6 | 3 | 6 | 8 | 8 | 8 | |
| | | 9 | 9 | 9 | 1 | 9 | 6 | 9 | 9 | 8 | 9 | 9 | 0 | 6 | 5 | 5 | 5 | |
| | 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 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | * TOTALS |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|---------------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hydronephrosis | | | | | | | | | | | | | | | | | | 2 1.0 |
| Infarct | | | | | | | | | | | | | | | | | | 2 2.5 |
| Inflammation | | | | | 3 | | | | | | | | | | | | | 4 1.8 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | 3 1.3 |
| Mineralization | | | 1 | | | | | | | | | | | | | | | 2 1.0 |
| Nephropathy | | 3 | 1 | | | 2 | 1 | 1 | | 2 | | 1 | | | | | | 38 1.2 |
| Glomerulus, Amyloid Deposition | | | | | | | | | | | | 1 | | | | | | 1 1.0 |
| Papilla, Necrosis | | | | | 2 | | | | | | | | | | | | | 1 2.0 |
| Renal Tubule, Cyst | | | | | | | | | | | | | | | | | | 1 1.0 |
| Renal Tubule, Hyperplasia | | | | | | | | | | | | | | | | | | 1 1.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation | | | | | | | | | | | | | | | | | | 2 1.5 |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE FEMALE | 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 | 0 | | |
| 500 mg/L | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 4 | 4 | 4 | 1 | 1 | 1 | 1 | 1 | 6 | 6 | 7 | 7 | 5 | 7 | 1 | 7 | 7 | 7 | 0 | |
| | 3 | 3 | 3 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | 8 | 8 | 8 | 6 | 4 | 3 | 3 | 9 | 3 | 2 | 3 | 0 | 3 | 0 | |
| | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 9 | 1 | 0 | 0 | 0 | 6 | 1 | 6 | 1 | 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 | |
| | 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 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 0 | |

Mixed Cell Focus X
 Tension Lipidosis X
 Thrombosis 3
 Bile Duct, Hyperplasia
 Hepatocyte, Necrosis
 Oval Cell, Hyperplasia 1
 Portal, Fibrosis

Mesentery + + +
 Necrosis 3 3 + +
 3 3

Pancreas + + + + + + + + + + + + + +
 Acinus, Atrophy 2
 Acinus, Hyperplasia

Salivary Glands + + + M + + + + M + + + M +

Stomach, Forestomach + + + + + + + + + + + + + +
 Inflammation 2

Stomach, Glandular + + + + + + + + + + + + + +

CARDIOVASCULAR SYSTEM

Blood Vessel + + + + + + + + + M + + + M +

Heart + + + + + + + + + M + + + M +
 Cardiomyopathy 1 1 1 1 1 1 1 1 1

ENDOCRINE SYSTEM

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

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

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

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First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|------------------------------|
| B6C3F1 MICE FEMALE | 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 | | |
| | ANIMAL ID | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 4 | 4 | 4 | 1 | 1 | 1 | 1 | 1 | 6 | 6 | 7 | 7 | 5 | 7 | 1 | 7 | 7 | | 7 |
| 500 mg/L | | 3 | 3 | 3 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | 8 | 8 | 8 | 6 | 4 | 3 | 3 | 9 | 3 | 2 | 3 | 0 | 3 | females
(cont...) |
| | | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 | 9 | 1 | 0 | 0 | 6 | 1 | 6 | 1 | 1 | 1 | |

Mineralization
Pigmentation, Hemosiderin
Periovarian Tissue, Inflammation

Uterus
Thrombosis
Endometrium, Hyperplasia, Cystic

Bone Marrow
Necrosis

Lymph Node
Lumbar, Hyperplasia, Plasma Cell

Lymph Node, Mandibular

Lymph Node, Mesenteric
Hyperplasia, Lymphoid
Inflammation

Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid

Thymus

INTEGUMENTARY SYSTEM

Mammary Gland

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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 Lab: BAT

| B6C3F1 MICE 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 | ANIMAL ID | females
(cont...) |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------------------|
| | | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 4 | 4 | 4 | 1 | 1 | 1 | 1 | 1 | 6 | 6 | 7 | 7 | 5 | 7 | 1 | 7 | 7 | 7 | | |
| | | 3 | 3 | 3 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | 8 | 8 | 8 | 6 | 4 | 3 | 3 | 9 | 3 | 2 | 3 | 0 | 3 | | |
| | | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 9 | 1 | 0 | 0 | 0 | 6 | 1 | 6 | 1 | 1 | 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 | | |
| | | 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 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | | |

Hyperplasia

3

Skin

+ + + + + + + + + + + + + + +

MUSCULOSKELETAL SYSTEM

Bone

+ + + + + + + + + + + + + +

Vertebra, Fibrosis

Skeletal Muscle

+

NERVOUS SYSTEM

Brain

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

Cyst Epithelial Inclusion

RESPIRATORY SYSTEM

Lung

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

Inflammation

Alveolar Epithelium, Hyperplasia

Perivascular, Infiltration Cellular, Mononuclear Cell

Nose

+ + + + + + + + + + + + + +

Inflammation

2

1

1

Glands, Hyperplasia

Trachea

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

SPECIAL SENSES SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
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 2) Mild 4) Marked

Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Water disinfection byproducts (Bromodichloroacetic acid)
 CAS Number: 71133-14-7

Date Report Requested: 07/05/2012
 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| B6C3F1 MICE FEMALE
500 mg/L | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|----------------------|
| | 0729 | 0698 | 0729 | 0729 | 0729 | 0729 | 0676 | 0776 | 0776 | 0666 | 0776 | 0666 | 0727 | 0727 | 0727 | 0117 | 0117 | 0117 | 0777 | 0777 | 0667 | 0776 | 0766 | 0766 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 000626 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 000626 | |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 662267 | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 662267 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 662267 | |
| Adrenal Cortex
Degeneration, Fatty | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | 3 | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hypertrophy | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| Adrenal Medulla
Infiltration Cellular, Mononuclear Cell | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | | | | |
| Parathyroid Gland | + | M | + | + | + | + | + | M | + | + | M | + | + | + | + | + | | | | | | | | | | |
| Pituitary Gland
Pars Distalis, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | | | |
| Thyroid Gland
Infiltration Cellular, Mononuclear Cell | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | | | | |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland

+ + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | | |

Ovary

+ + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | | |

Cyst

3

2

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

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 .. Lesion qualified as:

X .. Lesion present

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

I .. Insufficient tissue

BLANK .. Not examined microscopically

2) Mild 4) Marked

Experiment Number: 96014 - 06
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 Species/Strain: MICE/B6C3F1

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 CAS Number: 71133-14-7

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 Lab: BAT

| | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 5 | 7 | 5 | 7 | 7 | 7 | 6 | 4 | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 4 | 4 |
| 500 mg/L | | 9 | 3 | 7 | 3 | 3 | 3 | 7 | 0 | 2 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | 0 |
| | | 7 | 0 | 5 | 0 | 0 | 1 | 3 | 3 | 8 | 1 | 0 | 1 | 6 | 0 | 0 | 0 | 0 |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |
| * TOTALS | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------|------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | M | + | 47 | | |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Intestine Large, Colon Serosa, Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 | 3.0 |
| Intestine Large, Rectum Serosa, Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 | 3.0 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Intestine Small, Ileum Inflammation | + | + | + | + | + | + | + | + | + | + | + | 2 | + | 50 | 1 | 2.0 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Angiectasis | | | | | | | | | | | 2 | | | | 6 | 2.3 |
| Basophilic Focus | | | | | | | | | | | | | | | 1 | |
| Clear Cell Focus | X | | | | | | | | | | X | | | | 8 | |
| Eosinophilic Focus | | X | X | X | X | X | X | X | X | X | X | X | X | | 38 | |
| Fatty Change | | | | | | | | | | | | | | | 2 | 1.5 |
| Focus Of Cellular Alteration, Atypical | | | | | | | | | | | | | | | 6 | |
| Hematopoietic Cell Proliferation | | | | | 1 | | | | | | | | | | 2 | 1.5 |
| Inflammation | | 1 | | | | | | | 1 | | | | | | 9 | 1.3 |
| Mineralization | | | | | | | | | | | | | | | 1 | 2.0 |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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Lab: BAT

| B6C3F1 MICE FEMALE
500 mg/L | DAY ON TEST | | | | | | | | | | | | | | | * TOTALS |
|--------------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| | 05797 | 07577 | 05777 | 07777 | 03333 | 07333 | 06477 | 04777 | 07777 | 07777 | 07777 | 07777 | 04444 | 04444 | 04444 | |
| ANIMAL ID | 000651 | 000652 | 000653 | 000654 | 000655 | 000656 | 000657 | 000658 | 000659 | 000660 | 000661 | 000662 | 000663 | 000664 | 000665 | 000666 |
| Mixed Cell Focus | X | | | | | | | | | | | | | | | 4 |
| Tension Lipidosis | | | | | | | | | | | | | | | | 3 |
| Thrombosis | | | | | | | | | | | | | | | | 1 3.0 |
| Bile Duct, Hyperplasia | | | | | | | | | | | | | | | | 3 1.0 |
| Hepatocyte, Necrosis | | | | | | | | | | | | | | | | 2 1.5 |
| Oval Cell, Hyperplasia | | | | | | | | | | | | | | | | 1 1.0 |
| Portal, Fibrosis | | | | | | | | | | | | | | | | 1 2.0 |
| Mesentery | | | | | | | | | | | | | | | | 13 |
| Necrosis | | | | | | | | | | | | | | | | 11 3.0 |
| Pancreas | | | | | | | | | | | | | | | | 50 |
| Acinus, Atrophy | | | | | | | | | | | | | | | | 1 2.0 |
| Acinus, Hyperplasia | | | | | | | | | | | | | | | | 1 2.0 |
| Salivary Glands | | | | | | | | | | | | | | | | 44 |
| Stomach, Forestomach | | | | | | | | | | | | | | | | 50 |
| Inflammation | | | | | | | | | | | | | | | | 1 2.0 |
| Stomach, Glandular | | | | | | | | | | | | | | | | 50 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | |
| Blood Vessel | | | | | | | | | | | | | | | | 48 |
| Heart | | | | | | | | | | | | | | | | 48 |
| Cardiomyopathy | | | | | | | | | | | | | | | | 33 1.2 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
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 Lab: BAT

| B6C3F1 MICE FEMALE
500 mg/L | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|----------|
| | ANIMAL ID | 5 | 7 | 5 | 7 | 7 | 7 | 6 | 4 | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 4 | | |
| | | 9 | 3 | 7 | 3 | 3 | 3 | 7 | 0 | 2 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | | |
| | | 7 | 0 | 5 | 0 | 0 | 1 | 3 | 3 | 8 | 1 | 0 | 1 | 6 | 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 | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | | |
| Adrenal Cortex | | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | 47 | |
| Degeneration, Fatty | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Hyperplasia | | | | | | | | | | 1 | | | | 1 | | | | 5 1.0 | |
| Hypertrophy | | | | | | | | | | | | | | | | | | 3 1.0 | |
| Adrenal Medulla | | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | 48 | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | 2 | | | | | 1 2.0 | |
| Islets, Pancreatic | | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | 50 | |
| Parathyroid Gland | | + | M | + | + | + | + | M | + | + | + | + | M | + | | | | 41 | |
| Pituitary Gland | | + | + | + | + | + | + | M | + | + | + | + | M | + | | | | 46 | |
| Pars Distalis, Hyperplasia | | 4 | | | | 1 | | | | | | | | 1 | | | | 8 1.8 | |
| Thyroid Gland | | + | + | + | + | + | + | M | + | + | + | + | M | + | | | | 46 | |
| Infiltration Cellular, Mononuclear Cell | | | | | 1 | | | | | | | | | | | | | 1 1.0 | |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | 4 1.5 | |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | | 1 4.0 | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | |
| Clitoral Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | 50 | |
| Ovary | | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | 50 | |
| Cyst | | | | | | | | | | | | | | | | | | 5 3.2 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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| | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 5 | 7 | 5 | 7 | 7 | 7 | 6 | 4 | 7 | 7 | 7 | 7 | 7 | 4 | 4 | 4 | |
| 500 mg/L | | 9 | 3 | 7 | 3 | 3 | 3 | 7 | 0 | 2 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | |
| | | 7 | 0 | 5 | 0 | 0 | 1 | 3 | 3 | 8 | 1 | 0 | 1 | 6 | 0 | 0 | 0 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |
| * TOTALS | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|-----|
| Mineralization | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Periovarian Tissue, Inflammation | | | | | | | | | | | | | | | | | | 1 | 4.0 |

| | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|----|-----|--|
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | 50 | | |
| Thrombosis | | | | | | | | | | | | | | | | | | 1 | 4.0 | |
| Endometrium, Hyperplasia, Cystic | 2 | 3 | | 2 | 4 | 1 | | 2 | 3 | 2 | | | 4 | | | | | 37 | 2.8 | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|----|-----|--|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | 50 | | |
| Necrosis | | | | | | | 1 | | | | | | | | | | | 1 | 1.0 | |

| | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|---|-----|--|
| Lymph Node | | | | | | | | | | | + | | | | | | | 3 | | |
| Lumbar, Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | 1 | 3.0 | |

| | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|----|--|--|
| Lymph Node, Mandibular | + | + | + | + | + | + | M | + | + | + | + | M | + | | | | | 44 | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|----|--|--|

| | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|----|-----|--|
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | 47 | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Inflammation | | | | | | | | | | | | | | | | | | 1 | 3.0 | |

| | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|----|-----|--|
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | 50 | | |
| Hematopoietic Cell Proliferation | | | | | | | 2 | | | | | | | | | | | 2 | 2.0 | |
| Hyperplasia, Lymphoid | | | | | | 2 | | | | 2 | | | | | | | | 11 | 2.3 | |

| | | | | | | | | | | | | | | | | | | | | |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|----|--|--|
| Thymus | + | + | + | + | + | + | + | + | + | + | + | M | + | | | | | 46 | | |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|----|--|--|

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|----|--|--|
| Mammary Gland | M | + | + | + | + | + | + | + | + | + | + | + | + | | | | | 49 | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|----|--|--|

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

+ .. Tissue examined microscopically

X .. Lesion present

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500 mg/L | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Skin | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | |
| Bone | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Vertebra, Fibrosis | | | | | | | | | | | | | | | | | 2 | | 1 2.0 |
| Skeletal Muscle | | + | | | | | | | | | | | | | | | | | 2 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | |
| Brain | | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | 47 |
| Cyst Epithelial Inclusion | | | | | | | | | | | | | | | | | | | 1 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | |
| Lung | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Inflammation | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Perivascular, Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | 2 | 1 2.0 |
| Nose | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation | | | | | | | | | | | | | | | | | | | 7 1.4 |
| Glands, Hyperplasia | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Trachea | | + | + | + | + | + | + | M | + | + | + | + | + | M | + | | | | 46 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
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Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| B6C3F1 MICE FEMALE | 500 mg/L | DAY ON TEST | | | | | | | | | | | | | | | * TOTALS |
|--------------------|----------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | | 0597 | 0730 | 0575 | 0733 | 0773 | 0771 | 0663 | 0473 | 0773 | 0773 | 0773 | 0773 | 0474 | 0444 | 0444 | |
| ANIMAL ID | | 00651 | 00652 | 00653 | 00654 | 00655 | 00656 | 00657 | 00658 | 00659 | 00660 | 00661 | 00662 | 00663 | 00664 | 00665 | 00666 |

| | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Eye | + | + | + | + | + | + | M | + | + | + | + | M | + | 46 | |
| Cornea, Inflammation | | | | | | | | | | | | | | | 1 2.0 |
| Harderian Gland | + | + | + | + | + | + | M | + | + | + | + | M | + | 46 | |
| Epithelium, Hyperplasia | | | | | | 2 | | | | | | | | | 1 2.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hydronephrosis | | | | | | | | | | | | | | | 2 2.0 |
| Infarct | | | | 2 | | | | | | | | | | | 5 2.0 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | 2 1.5 |
| Inflammation | | | | | | | | | | | | | | | 1 3.0 |
| Mineralization | | | | | | | 1 | | | | | | | | 1 1.0 |
| Nephropathy | | 1 | | 1 | | 1 | 1 | | | 1 | 2 | 1 | | | 31 1.0 |
| Glomerulus, Amyloid Deposition | | | | | | | | | | | | | | | 1 4.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation | | | | | | | | | | | | | | | 1 3.0 |

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

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

Experiment Number: 96014 - 06
 Test Type: CHRONIC
 Route: DOSED WATER
 Species/Strain: MICE/B6C3F1

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 Time Report Requested: 09:41:46
 First Dose M/F: 09/26/06 / 09/25/06
 Lab: BAT

| B6C3F1 MICE FEMALE
1000 mg/L | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|---------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 6 | 7 | 7 | 7 | | |
| | | 0 | 1 | 3 | 2 | 3 | 3 | 3 | 3 | 6 | 3 | 1 | 8 | 3 | 3 | 3 | | |
| | | 3 | 2 | 0 | 1 | 0 | 1 | 1 | 1 | 2 | 0 | 4 | 4 | 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 | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Gallbladder | + | + | + | + | + | M | + | + | + | + | + | + | + | M | + | + | 44 | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Duodenum | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | 49 | |
| Intestine Small, Ileum | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | 49 | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Peyer's Patch, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | 2 | | | | | | | | | | | | | | | | 3 | 2.3 |
| Basophilic Focus | | | | | | | | | | | | X | | | | | 3 | |
| Clear Cell Focus | | X | X | | | | | | | | | | | | | | 5 | |
| Eosinophilic Focus | X | X | | X | X | | | X | X | | | X | | X | | X | 40 | |
| Fatty Change | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Fatty Change, Focal | | | | | | | | | | | | | | | | | 2 | |
| Focus Of Cellular Alteration, Atypical | | | | | X | | X | X | X | | X | | X | X | X | | 16 | |
| Inflammation | | | | 1 | | | | 1 | | 1 | | | | | | 1 | 15 | 1.0 |
| Mixed Cell Focus | | | | | | | | | | | | X | | | | | 4 | |
| Pigmentation | | | | | | | | | | | | | | | | | 1 | 1.0 |

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

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Lab: BAT

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1000 mg/L | DAY ON TEST | | | | | | | | | | | | | | | * TOTALS | |
|--|------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------------|----------|----------------|
| | 0
5
0
3 | 0
5
1
2 | 0
7
3
0 | 0
7
2
1 | 0
7
3
0 | 0
7
3
1 | 0
7
3
1 | 0
7
3
1 | 0
7
3
1 | 0
6
6
2 | 0
7
3
0 | 0
6
1
4 | 0
6
8
4 | 0
7
3
0 | 0
7
3
0 | | |
| | ANIMAL ID | | | | | | | | | | | | | | | | |
| | 0
7
5
1 | 0
0
7
5
2 | 0
0
7
5
3 | 0
0
7
5
4 | 0
0
7
5
5 | 0
0
7
5
6 | 0
0
7
5
7 | 0
0
7
5
8 | 0
0
7
5
9 | 0
0
6
6
0 | 0
0
7
6
1 | 0
0
7
6
2 | 0
0
7
6
3 | 0
0
7
6
4 | 0
0
7
6
5
6 | | |
| Thrombosis | | | | | | | | | | | | | | | | 1 | 3.0 |
| Bile Duct, Hyperplasia | | | | 1 | | | | | | | | | | | | 1 | 3 1.0 |
| Hepatocyte, Necrosis | | | | | | | | | | | | | | | | | 6 2.2 |
| Oval Cell, Hyperplasia | | | | 1 | | | | | | | | | | | | | 1 1.0 |
| Mesentery
Necrosis | | | + | | | | | | | | | | | + | + | 10 | 9 3.0 |
| Pancreas
Duct, Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | 1 4.0 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Stomach, Forestomach
Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 1.0 |
| Ulcer
Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | 1 3.0
2 2.0 |
| Stomach, Glandular
Epithelium, Hyperplasia
Glands, Ectasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 2 2.5
2 1.0 |
| Tongue | | | + | | | | | | | | | | | | | | 1 |
| Tooth
Malformation | | | | | | | | | | | | | | | | | 1
1 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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1000 mg/L | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID | |
|---------------------------------|-------------|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--|
| | | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 6 | 7 | 7 | 7 | | |
| | | 0 | 1 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 6 | 3 | 1 | 8 | 3 | 3 | 3 | | |
| | | 3 | 2 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 2 | 0 | 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 | 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 | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | | |
| | | * TOTALS | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|---------------|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Cardiomyopathy | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | | 1 | 2 | | 1 | | 1 | 1 | | 35 1.2 |
| Atrium, Thrombosis | | | | | | | | | | | | | | | | | | 1 4.0 |
| Endocardium, Inflammation | | | | | | | | | | | | | | | | | | 1 3.0 |
| Valve, Thrombosis | | | | | | | | | | | | | | | | | | 1 3.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|---------------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | 1 2.0 |
| Hyperplasia | | | | | | | | | | | | | | | | | | 1 1.0 |
| Hypertrophy | | | | | | | | | | 1 | | | 2 | | | | | 5 1.2 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | 1 1.0 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Parathyroid Gland | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | M | 38 | |
| Cyst | | | | | | | | | | | | | | | | | | 1 1.0 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Cyst | | | | | | | | | | | | | | | | | | 2 2.5 |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | 2 | | | 1 | | | 11 1.6 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| Inflammation | | | | | | | | | | | | | | | | 2 | | 1 2.0 |
| C-cell, Hyperplasia | | | | | | | | | | | | | | | | | | 1 1.0 |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | 3 2.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
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1-4 .. Lesion qualified as:
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| | | | | | | | | | | | | | | | | | | |
|---------------------------|------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B6C3F1 MICE FEMALE | 1000 mg/L | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 6 | 7 | 7 | 7 | 7 |
| | | | 0 | 1 | 3 | 2 | 3 | 3 | 3 | 3 | 6 | 3 | 1 | 8 | 3 | 3 | 3 | 3 |
| | | 3 | 2 | 0 | 1 | 0 | 1 | 1 | 1 | 2 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | |
| | | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| * TOTALS | | | | | | | | | | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------|------------|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Atrophy | | | | | | | | | | | | | | | | | | | 2 | 3.5 |
| Cyst | | | | | 1 | | | | 4 | | | | | | | 1 | | | 4 | 1.8 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | 3 | | | | | | | | | | 1 | 3.0 |
| Mineralization | | | | 1 | | | | | | | | | | | | | | | 1 | 1.0 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | 2 | | | | | | | | | | 1 | 2.0 |
| Inflammation | | | | | | | | | | | | | | | 1 | | | | 2 | 2.0 |
| Endometrium, Hyperplasia, Cystic | | | | 4 | 4 | | 3 | 3 | 1 | 4 | 1 | 2 | 3 | 4 | 1 | | | | 38 | 2.9 |
| Vagina | | | | + | | | | | | | | | | | | | | | 1 | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|------------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Angiectasis | | | | | | | | | | | | | | | | | 2 | | 1 | 2.0 |
| Lymph Node | | | | | | | | | | | | | | | | | | | 5 | |
| Inguinal, Hyperplasia | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Mediastinal, Inflammation | | | | | | | | | | | | | | | | | | | 1 | 3.0 |

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

+ .. Tissue examined microscopically

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1000 mg/L | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Lymph Node, Mandibular | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 6 | 7 | 7 | 7 | 45 | |
| Lymph Node, Mesenteric | 0 | 1 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 6 | 3 | 1 | 8 | 3 | 3 | 3 | 47 | |
| Spleen | 3 | 2 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 2 | 0 | 4 | 4 | 0 | 0 | 0 | 48 | |
| Hematopoietic Cell Proliferation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 2.8 |
| Hyperplasia, Lymphoid | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 10 | 2.1 |
| Necrosis | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 1 | 2.0 |
| Thymus | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 46 | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation, Granulomatous | | | | | | | | | | | | | | | | | 1 | 4.0 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Fibro-Osseous Lesion | | | | | | | | | | | | | | | | | 3 | 1.7 |
| Osteopetrosis | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | 1 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |

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|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 6 | 7 | 7 | 7 | |
| | | 0 | 1 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 6 | 3 | 1 | 8 | 3 | 3 | 3 | |
| 1000 mg/L | ANIMAL ID | 3 | 2 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 2 | 0 | 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 | 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 | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |
| * TOTALS | | | | | | | | | | | | | | | | | | |

Arteriole, Meninges, Inflammation

1 1.0

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Inflammation | | | | | | | | | | | | | | | | | 3 1.0 |
| Thrombosis | | | | | | | | | | | | | | | | | 1 2.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | 1 1.0 |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | 3 1.3 |
| Perivascular, Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | 2 1.5 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | 1 1.0 |
| Inflammation | | | | | | | | | | | | | | | | | 4 1.0 |
| Glands, Hyperplasia | | | | | | | | | | | | | | | | | 1 1.0 |
| Goblet Cell, Hypertrophy | | | | | | | | | | | | | | | | | 1 2.0 |
| Respiratory Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | 1 1.0 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Inflammation | | | | | | | | | | | | | | | | | 1 1.0 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Retrobulbar, Inflammation | | | | | | | | | | | | | | | | | 1 2.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Inflammation | | | | | | | | | | | | | | | | | 1 2.0 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | 2 1.5 |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 96014 - 06

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: MICE/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Water disinfection byproducts (Bromodichloroacetic acid)

CAS Number: 71133-14-7

Date Report Requested: 07/05/2012

Time Report Requested: 09:41:46

First Dose M/F: 09/26/06 / 09/25/06

Lab: BAT

| | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| B6C3F1 MICE FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 6 | 7 | 7 | 7 | |
| | | 0 | 1 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 6 | 3 | 1 | 8 | 3 | 3 | 3 | |
| 1000 mg/L | ANIMAL ID | 3 | 2 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 2 | 0 | 4 | 4 | 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 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |
| * TOTALS | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Hydronephrosis | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Infarct | | | | | | | | | | | | | | | 2 | | 7 | 1.7 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Inflammation | | | | 1 | | | | | | | | | | | | | 1 | 1.0 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Nephropathy | | | 2 | | | 1 | 2 | 1 | 1 | | | | 2 | 1 | 1 | | 30 | 1.3 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | 2 | | | | 1 | 2.0 |

*** END OF REPORT ***

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked