

Experiment Number: 96014 - 06

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS  
ABRIDGED) (a)**

Date Report Requested: 01/12/2012

Test Type: CHRONIC

Water disinfection byproducts (Bromodichloroacetic acid)

Time Report Requested: 13:25:53

Route: DOSED WATER

CAS Number: 71133-14-7

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

Species/Strain: MICE/B6C3F1

Lab: BAT

F1\_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:** NONE

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Species/Strain: MICE/B6C3F1

Lab: BAT

B6C3F1 MICE MALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
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**Disposition Summary**

<b>Animals Initially In Study</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>
<b>Scheduled Sacrifice</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>15</b>
<b>Early Deaths</b>				
<b>Moribund Sacrifice</b>	<b>15</b>	<b>14</b>	<b>27</b>	<b>27</b>
<b>Natural Death</b>	<b>10</b>	<b>15</b>	<b>10</b>	<b>14</b>
<b>Survivors</b>				
<b>Terminal Sacrifice</b>	<b>25</b>	<b>21</b>	<b>12</b>	<b>10</b>
<b>Missing</b>			<b>1</b>	
<b>Animals Examined Microscopically</b>	<b>50</b>	<b>50</b>	<b>49</b>	<b>51</b>

## ALIMENTARY SYSTEM

Esophagus	(50)	(50)	(49)	(51)
Gallbladder	(48)	(49)	(48)	(47)
Intestine Large, Cecum	(50)	(50)	(49)	(51)
Carcinoma	1 (2%)			
Intestine Large, Colon	(50)	(50)	(49)	(51)
Intestine Large, Rectum	(50)	(50)	(49)	(51)
Serosa, Hemangiosarcoma, Metastatic, Liver		1 (2%)		
Intestine Small, Duodenum	(50)	(50)	(49)	(51)
Adenoma	1 (2%)		1 (2%)	
Carcinoma	1 (2%)	1 (2%)		
Intestine Small, Ileum	(50)	(50)	(49)	(51)
Intestine Small, Jejunum	(50)	(50)	(49)	(51)
Carcinoma	1 (2%)	3 (6%)		2 (4%)
Liver	(50)	(50)	(49)	(51)
Cholangiocarcinoma				1 (2%)
Hemangioma			1 (2%)	
Hemangiosarcoma	1 (2%)	4 (8%)	2 (4%)	4 (8%)
Hemangiosarcoma, Metastatic, Spleen	1 (2%)		1 (2%)	
Hepatoblastoma	3 (6%)	18 (36%)	28 (57%)	22 (43%)
Hepatoblastoma, Multiple	1 (2%)	6 (12%)	12 (24%)	12 (24%)
Hepatocellular Adenoma	11 (22%)	12 (24%)	15 (31%)	17 (33%)
Hepatocellular Adenoma, Multiple	28 (56%)	29 (58%)	27 (55%)	23 (45%)

a - Number of animals examined microscopically at site and number of animals with lesion

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Species/Strain: MICE/B6C3F1

Lab: BAT

B6C3F1 MICE MALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Hepatocellular Carcinoma	8 (16%)	10 (20%)	17 (35%)	22 (43%)
Hepatocellular Carcinoma, Multiple	4 (8%)	12 (24%)	10 (20%)	17 (33%)
Hepatocholangiocarcinoma			2 (4%)	2 (4%)
Schwannoma Malignant, Metastatic, Heart		1 (2%)		
Mesentery	(7)	(1)	(3)	(6)
Carcinoma, Metastatic, Uncertain Primary Site				1 (17%)
Fibrous Histiocytoma				1 (17%)
Hepatoblastoma, Metastatic, Liver			1 (33%)	
Hepatocholangiocarcinoma, Metastatic, Liver			1 (33%)	
Lipoma	1 (14%)			
Pancreas	(50)	(50)	(49)	(51)
Sarcoma			1 (2%)	
Salivary Glands	(50)	(50)	(49)	(51)
Stomach, Forestomach	(50)	(50)	(49)	(51)
Squamous Cell Papilloma		1 (2%)		1 (2%)
Stomach, Glandular	(50)	(50)	(49)	(51)
Tooth	(35)	(22)	(13)	(0)

## CARDIOVASCULAR SYSTEM

Blood Vessel	(50)	(50)	(49)	(51)
Heart	(50)	(50)	(49)	(51)
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung			2 (4%)	
Schwannoma Malignant		1 (2%)		
Pericardium, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung			1 (2%)	

## ENDOCRINE SYSTEM

Adrenal Cortex	(50)	(50)	(49)	(50)
Subcapsular, Adenoma	2 (4%)		1 (2%)	
Adrenal Medulla	(50)	(50)	(49)	(50)
Islets, Pancreatic	(50)	(50)	(49)	(51)
Parathyroid Gland	(44)	(45)	(44)	(44)

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Lab: BAT

B6C3F1 MICE MALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Pituitary Gland	(50)	(49)	(49)	(51)
Thyroid Gland	(50)	(50)	(49)	(51)
Follicular Cell, Adenoma	1 (2%)		1 (2%)	

## GENERAL BODY SYSTEM

Peritoneum	(0)	(0)	(0)	(1)
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## GENITAL SYSTEM

Epididymis	(50)	(50)	(49)	(51)
Fibrous Histiocytoma, Metastatic, Mesentery				1 (2%)
Penis	(0)	(1)	(0)	(0)
Preputial Gland	(50)	(50)	(49)	(51)
Prostate	(50)	(50)	(49)	(51)
Seminal Vesicle	(50)	(50)	(49)	(51)
Fibrous Histiocytoma, Metastatic, Mesentery				1 (2%)
Testes	(50)	(50)	(49)	(51)
Interstitial Cell, Adenoma	1 (2%)			

## HEMATOPOIETIC SYSTEM

Bone Marrow	(50)	(50)	(49)	(51)
Hemangiosarcoma				1 (2%)
Hemangiosarcoma, Metastatic, Liver		1 (2%)		
Hemangiosarcoma, Metastatic, Spleen	1 (2%)		2 (4%)	
Lymph Node	(0)	(1)	(2)	(5)
Mediastinal, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung			1 (50%)	
Pancreatic, Carcinoma, Metastatic, Uncertain Primary Site				1 (20%)
Pancreatic, Hepatoblastoma, Metastatic, Liver				1 (20%)
Pancreatic, Hepatocellular Carcinoma, Metastatic, Liver				1 (20%)
Lymph Node, Mandibular	(50)	(50)	(49)	(51)

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Lab: BAT

B6C3F1 MICE MALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Lymph Node, Mesenteric	(50)	(48)	(48)	(48)
Carcinoma, Metastatic, Uncertain Primary Site				1 (2%)
Hepatoblastoma, Metastatic, Liver		1 (2%)		
Spleen	(50)	(50)	(49)	(50)
Hemangiosarcoma	2 (4%)		2 (4%)	
Thymus	(45)	(45)	(45)	(44)
Fibrous Histiocytoma, Metastatic, Mesentery				1 (2%)
Osteosarcoma, Metastatic, Bone		1 (2%)		
Schwannoma Malignant, Metastatic, Heart		1 (2%)		
Thymoma Benign		1 (2%)		

## INTEGUMENTARY SYSTEM

Mammary Gland	(5)	(3)	(4)	(7)
Skin	(50)	(50)	(49)	(51)
Fibrous Histiocytoma	1 (2%)	1 (2%)		1 (2%)
Fibrous Histiocytoma, Metastatic, Mesentery				1 (2%)
Hemangiosarcoma	1 (2%)	1 (2%)		
Hemangiosarcoma, Metastatic, Spleen	1 (2%)			
Lipoma	1 (2%)			
Squamous Cell Papilloma		1 (2%)		1 (2%)

## MUSCULOSKELETAL SYSTEM

Bone	(50)	(50)	(49)	(51)
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung			1 (2%)	
Osteoma			1 (2%)	
Osteosarcoma		1 (2%)		
Skeletal Muscle	(0)	(2)	(2)	(2)
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung			1 (50%)	
Carcinoma, Metastatic, Uncertain Primary Site				1 (50%)
Hepatoblastoma				1 (50%)
Hepatoblastoma, Metastatic, Liver		1 (50%)		1 (50%)

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Lab: BAT

B6C3F1 MICE MALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Hepatocholangiocarcinoma, Metastatic, Liver			1 (50%)	
Osteosarcoma, Metastatic, Bone		1 (50%)		

## NERVOUS SYSTEM

Brain	(50)	(50)	(49)	(51)
Meningioma Malignant	1 (2%)			
Peripheral Nerve	(2)	(1)	(0)	(0)
Spinal Cord	(2)	(1)	(0)	(0)

## RESPIRATORY SYSTEM

Lung	(50)	(50)	(49)	(51)
Alveolar/Bronchiolar Adenoma	11 (22%)	14 (28%)	8 (16%)	2 (4%)
Alveolar/Bronchiolar Adenoma, Multiple	2 (4%)		1 (2%)	
Alveolar/Bronchiolar Carcinoma	7 (14%)	10 (20%)	4 (8%)	2 (4%)
Alveolar/Bronchiolar Carcinoma, Multiple		1 (2%)	1 (2%)	
Hepatoblastoma, Metastatic, Liver		3 (6%)	12 (24%)	5 (10%)
Hepatocellular Carcinoma, Metastatic, Liver	8 (16%)	11 (22%)	5 (10%)	15 (29%)
Hepatocholangiocarcinoma, Metastatic, Liver			1 (2%)	
Osteosarcoma, Metastatic, Bone		1 (2%)		
Schwannoma Malignant, Metastatic, Heart		1 (2%)		
Nose	(50)	(50)	(49)	(51)
Glands, Olfactory Epithelium, Adenoma		1 (2%)		
Trachea	(50)	(50)	(49)	(51)

## SPECIAL SENSES SYSTEM

Eye	(50)	(50)	(49)	(51)
Iris, Melanoma Malignant	1 (2%)			
Harderian Gland	(50)	(50)	(49)	(51)
Adenoma	6 (12%)	11 (22%)	14 (29%)	19 (37%)
Carcinoma				3 (6%)

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Lab: BAT

B6C3F1 MICE MALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
URINARY SYSTEM				
Kidney	(50)	(50)	(49)	(51)
Adenoma	2 (4%)	2 (4%)		2 (4%)
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung		1 (2%)		
Carcinoma, Metastatic, Uncertain Primary Site				1 (2%)
Ureter	(1)	(0)	(0)	(0)
Urethra	(1)	(0)	(0)	(0)
Hemangiosarcoma	1 (100%)			
Urinary Bladder	(50)	(50)	(49)	(51)

## SYSTEMIC LESIONS

Multiple Organ	*(50)	*(50)	*(49)	*(51)
Histiocytic Sarcoma	1 (2%)	1 (2%)	1 (2%)	1 (2%)
Leukemia Lymphocytic			1 (2%)	
Lymphoma Malignant			1 (2%)	1 (2%)
Mesothelioma Malignant	1 (2%)			3 (6%)

a - Number of animals examined microscopically at site and number of animals with lesion

\* Number of animals with any tissue examined microscopically

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B6C3F1 MICE MALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
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**Tumor Summary for Males**

Total Animals with Primary Neoplasms (b)	48	50	49	51
Total Primary Neoplasms	103	142	152	161
Total Animals with Benign Neoplasms	43	44	46	44
Total Benign Neoplasms	67	72	70	65
Total Animals with Malignant Neoplasms	30	42	49	47
Total Malignant Neoplasms	36	70	82	96
Total Animals with Metastatic Neoplasms	10	17	20	21
Total Metastatic Neoplasms	12	25	30	38
Total Animals with Malignant Neoplasms Uncertain Primary Site	1			1
Total Animals with Neoplasms Uncertain- Benign or Malignant				
Total Uncertain Neoplasms				

\*\*\* END OF MALE \*\*\*

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors



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Lab: BAT

B6C3F1 MICE FEMALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
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**Disposition Summary**

Animals Initially In Study	66	66	66	66
Scheduled Sacrifice	16	16	16	16
Early Deaths				
Moribund Sacrifice	9	9	8	11
Natural Death	11	8	13	12
Survivors				
Natural Death				1
Terminal Sacrifice	30	33	29	26
Animals Examined Microscopically	50	50	50	50

## ALIMENTARY SYSTEM

Esophagus	(50)	(50)	(47)	(48)
Sarcoma				1 (2%)
Gallbladder	(47)	(48)	(50)	(44)
Leiomyosarcoma, Metastatic, Mesentery		1 (2%)		
Intestine Large, Cecum	(50)	(50)	(50)	(50)
Hemangiosarcoma			1 (2%)	
Intestine Large, Colon	(50)	(50)	(50)	(50)
Fibrous Histiocytoma, Metastatic, Skin	1 (2%)			
Intestine Large, Rectum	(49)	(50)	(50)	(50)
Intestine Small, Duodenum	(49)	(50)	(50)	(49)
Adenoma			1 (2%)	
Leiomyosarcoma		1 (2%)		
Intestine Small, Ileum	(50)	(50)	(50)	(49)
Carcinoma		1 (2%)		
Leiomyosarcoma, Metastatic, Urinary Bladder			1 (2%)	
Intestine Small, Jejunum	(50)	(50)	(50)	(50)
Leiomyosarcoma		1 (2%)		
Liver	(49)	(50)	(49)	(50)
Hemangiosarcoma	2 (4%)	4 (8%)	4 (8%)	8 (16%)
Hemangiosarcoma, Metastatic, Skin			1 (2%)	
Hemangiosarcoma, Metastatic, Spleen		1 (2%)		
Hepatoblastoma		1 (2%)	3 (6%)	4 (8%)

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B6C3F1 MICE FEMALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Hepatoblastoma, Multiple			1 (2%)	2 (4%)
Hepatocellular Adenoma	8 (16%)	4 (8%)	5 (10%)	7 (14%)
Hepatocellular Adenoma, Multiple	25 (51%)	38 (76%)	37 (76%)	37 (74%)
Hepatocellular Carcinoma	9 (18%)	12 (24%)	16 (33%)	13 (26%)
Hepatocellular Carcinoma, Multiple		5 (10%)	6 (12%)	13 (26%)
Hepatocholangiocarcinoma				1 (2%)
Sarcoma, Metastatic, Uncertain Primary Site			1 (2%)	
Mesentery	(10)	(13)	(13)	(10)
Fibrosarcoma, Metastatic, Skin			1 (8%)	
Fibrous Histiocytoma		1 (8%)	1 (8%)	
Hemangiosarcoma	1 (10%)			
Leiomyosarcoma		1 (8%)		
Leiomyosarcoma, Metastatic, Urinary Bladder			1 (8%)	
Oral Mucosa	(2)	(2)	(0)	(0)
Pancreas	(49)	(50)	(50)	(48)
Cystadenoma		1 (2%)		
Leiomyosarcoma		1 (2%)		
Salivary Glands	(48)	(49)	(44)	(45)
Stomach, Forestomach	(50)	(50)	(50)	(50)
Hemangiosarcoma				1 (2%)
Squamous Cell Papilloma	1 (2%)			2 (4%)
Stomach, Glandular	(50)	(50)	(50)	(50)
Tongue	(0)	(0)	(0)	(1)
Squamous Cell Carcinoma				1 (100%)
Tooth	(0)	(2)	(0)	(1)

## CARDIOVASCULAR SYSTEM

Blood Vessel	(50)	(50)	(48)	(49)
Heart	(50)	(50)	(48)	(48)

## ENDOCRINE SYSTEM

Adrenal Cortex	(49)	(50)	(47)	(49)
Leiomyosarcoma		1 (2%)		

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B6C3F1 MICE FEMALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Subcapsular, Adenoma		1 (2%)		
Adrenal Medulla	(50)	(50)	(48)	(49)
Leiomyosarcoma		1 (2%)		
Pheochromocytoma Benign			1 (2%)	
Islets, Pancreatic	(49)	(50)	(50)	(48)
Parathyroid Gland	(45)	(46)	(41)	(38)
Pituitary Gland	(49)	(49)	(46)	(48)
Pars Distalis, Adenoma	2 (4%)	1 (2%)	3 (7%)	
Thyroid Gland	(49)	(50)	(46)	(45)
C-cell, Carcinoma				1 (2%)
Follicular Cell, Adenoma		1 (2%)		

## GENERAL BODY SYSTEM

None

## GENITAL SYSTEM

Clitoral Gland	(47)	(50)	(50)	(48)
Carcinoma				1 (2%)
Ovary	(50)	(50)	(50)	(50)
Cystadenoma	1 (2%)	3 (6%)	2 (4%)	2 (4%)
Granulosa Cell Tumor Benign			1 (2%)	
Granulosa Cell Tumor Malignant				1 (2%)
Hemangiosarcoma		1 (2%)	2 (4%)	
Uterus	(50)	(50)	(50)	(50)
Hemangiosarcoma	1 (2%)		2 (4%)	
Polyp Stromal	4 (8%)	3 (6%)	1 (2%)	1 (2%)
Sarcoma Stromal			1 (2%)	
Vagina	(0)	(0)	(0)	(1)

## HEMATOPOIETIC SYSTEM

Bone Marrow	(50)	(50)	(50)	(50)
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B6C3F1 MICE FEMALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Hemangiosarcoma			1 (2%)	
Hemangiosarcoma, Metastatic, Liver	1 (2%)			
Lymph Node	(2)	(3)	(3)	(5)
Axillary, Schwannoma Malignant, Metastatic, Skin				1 (20%)
Lumbar, Plasma Cell Tumor Malignant			1 (33%)	
Lumbar, Schwannoma Malignant, Metastatic, Skin				1 (20%)
Renal, Plasma Cell Tumor Malignant			1 (33%)	
Lymph Node, Mandibular	(48)	(49)	(44)	(45)
Plasma Cell Tumor Malignant			1 (2%)	
Lymph Node, Mesenteric	(48)	(50)	(47)	(47)
Plasma Cell Tumor Malignant			1 (2%)	
Spleen	(49)	(50)	(50)	(48)
Hemangiosarcoma		2 (4%)	1 (2%)	
Hemangiosarcoma, Metastatic, Skin			1 (2%)	
Plasma Cell Tumor Malignant			1 (2%)	
Thymus	(50)	(50)	(46)	(46)
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung		1 (2%)		
Plasma Cell Tumor Malignant			1 (2%)	
Schwannoma Malignant, Metastatic, Skin	1 (2%)			
Thymoma Malignant				1 (2%)

## INTEGUMENTARY SYSTEM

Mammary Gland	(50)	(50)	(49)	(50)
Carcinoma	1 (2%)			
Skin	(50)	(50)	(50)	(50)
Basal Cell Carcinoma				1 (2%)
Fibrosarcoma			1 (2%)	
Fibrous Histiocytoma	3 (6%)	1 (2%)	2 (4%)	4 (8%)
Hemangioma				1 (2%)
Hemangiosarcoma	1 (2%)	1 (2%)	1 (2%)	
Osteosarcoma		1 (2%)		
Sarcoma	1 (2%)		1 (2%)	

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Lab: BAT

B6C3F1 MICE FEMALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
Schwannoma Malignant	3 (6%)		1 (2%)	5 (10%)
Squamous Cell Carcinoma				1 (2%)

## MUSCULOSKELETAL SYSTEM

Bone	(50)	(50)	(50)	(50)
Hemangiosarcoma, Metastatic, Spleen			1 (2%)	
Osteoma	1 (2%)			1 (2%)
Osteosarcoma		1 (2%)		
Skeletal Muscle	(1)	(2)	(2)	(1)
Fibrosarcoma, Metastatic, Skin			1 (50%)	
Fibrous Histiocytoma, Metastatic, Mesentery		1 (50%)		
Hemangiosarcoma	1 (100%)			
Leiomyosarcoma		1 (50%)		
Sarcoma			1 (50%)	

## NERVOUS SYSTEM

Brain	(49)	(50)	(47)	(49)
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## RESPIRATORY SYSTEM

Lung	(50)	(50)	(48)	(48)
Alveolar/Bronchiolar Adenoma	3 (6%)	2 (4%)	1 (2%)	2 (4%)
Alveolar/Bronchiolar Carcinoma	2 (4%)	2 (4%)	1 (2%)	5 (10%)
Alveolar/Bronchiolar Carcinoma, Multiple		1 (2%)		
Fibrous Histiocytoma, Metastatic, Skin				1 (2%)
Hemangiosarcoma, Metastatic, Liver	1 (2%)			
Hepatoblastoma, Metastatic, Liver			2 (4%)	
Hepatocellular Carcinoma, Metastatic, Liver	1 (2%)	6 (12%)	4 (8%)	7 (15%)
Schwannoma Malignant, Metastatic, Skin	1 (2%)			1 (2%)
Nose	(50)	(50)	(50)	(50)
Trachea	(50)	(50)	(46)	(46)

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: CHRONIC

Water disinfection byproducts (Bromodichloroacetic acid)

Time Report Requested: 13:25:53

Route: DOSED WATER

CAS Number: 71133-14-7

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

Species/Strain: MICE/B6C3F1

Lab: BAT

B6C3F1 MICE FEMALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
<b>SPECIAL SENSES SYSTEM</b>				
Eye	(48)	(50)	(46)	(46)
Harderian Gland	(48)	(50)	(46)	(46)
Adenoma	5 (10%)	4 (8%)	6 (13%)	5 (11%)
Carcinoma		1 (2%)	1 (2%)	1 (2%)
<b>URINARY SYSTEM</b>				
Kidney	(50)	(50)	(50)	(49)
Urinary Bladder	(50)	(50)	(50)	(50)
Fibrous Histiocytoma, Metastatic, Skin	1 (2%)			
Leiomyosarcoma			1 (2%)	
<b>SYSTEMIC LESIONS</b>				
Multiple Organ	*(50)	*(50)	*(50)	*(50)
Histiocytic Sarcoma	2 (4%)	3 (6%)	1 (2%)	3 (6%)
Lymphoma Malignant	6 (12%)	3 (6%)	6 (12%)	10 (20%)

a - Number of animals examined microscopically at site and number of animals with lesion

\* Number of animals with any tissue examined microscopically

Test Type: CHRONIC

Water disinfection byproducts (Bromodichloroacetic acid)

Time Report Requested: 13:25:53

Route: DOSED WATER

CAS Number: 71133-14-7

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

Species/Strain: MICE/B6C3F1

Lab: BAT

B6C3F1 MICE FEMALE	0 mg/L	250 mg/L	500 mg/L	1000 mg/L
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**Tumor Summary for Females**

Total Animals with Primary Neoplasms (b)	45	47	46	49
Total Primary Neoplasms	83	106	120	136
Total Animals with Benign Neoplasms	36	43	43	44
Total Benign Neoplasms	50	58	58	58
Total Animals with Malignant Neoplasms	31	33	38	45
Total Malignant Neoplasms	33	48	62	78
Total Animals with Metastatic Neoplasms	4	10	10	8
Total Metastatic Neoplasms	7	10	14	11
Total Animals with Malignant Neoplasms Uncertain Primary Site			1	
Total Animals with Neoplasms Uncertain- Benign or Malignant				
Total Uncertain Neoplasms				

\*\*\* END OF REPORT \*\*\*

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors