TDMS No. 96019 - 05 Test Type: CHRONIC Route: DOSED WATER Species/Strain: RATS/F 344		CIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b] ATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID) CAS Number: 5589-96-8 Pathologist: GILES, H HEATH, J Blackshear, P. F1_R2	Date Report Reqsted: 03/28/2006 Time Report Reqsted: 15:00:22 First Dose M/F: 09/26/01 / 09/26/01 Lab: SRI
C Number:	C96019		
Lock Date:	07/14/2004		
Cage Range:	ALL		
Date Range:	ALL		
Reasons For Removal:	25021 TSAC	25020 NATD	25019 MSAC
Removal Date Range:	ALL		
Treatment Groups:	Include ALL		

a - Number of animals examined microscopically at site and number of animals with lesion b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

TDMS No. 96019 - 05

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: RATS/F 344

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)

WITH AVERAGE SEVERITY GRADES[b]

WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)

CAS Number: 5589-96-8

Pathologist: GILES, H. - HEATH, J. - Blackshear, P.

Time Report Reqsted: 15:00:22 First Dose M/F: 09/26/01 / 09/26/01 Lab: SRI

Date Report Regsted: 03/28/2006

FISCHER 344 RATS MALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L	
Disposition Summary					
Animals Initially in Study	66	66	66	66	
Early Deaths Moribund Sacrifice	15	47	17	47	
Natural Death	4	17 7	8	17 4	
Survivors					
Terminal Sacrifice	31 50	26 50	25 50	29 50	
Animals Examined Microscopically	50	50	50	50	
ALIMENTARY SYSTEM					
Esophagus	(50)	(50)	(50)	(50)	
Intestine Large, Cecum	(48)	(48)	(47)	(49)	
Edema Inflammation	5 [1.4]	1 [1.0]	1 [1.0]	6 [1.8]	
Intestine Large, Colon	1 [3.0] (50)	(49)	(50)	1 [2.0] (48)	
Inflammation	(50)	1 [4.0]	(50)	(48)	
Intestine Large, Rectum	(50)	(50)	(50)	(49)	
Intestine Small, Duodenum	(50)	(49)	(50)	(49)	
Intestine Small, Ileum	(49)	(46)	(47)	(49)	
Inflammation				1 [2.0]	
Intestine Small, Jejunum	(47)	(46)	(46)	(48)	
Inflammation	1 [1.0]	(==)		()	
Liver	(50)	(50)	(50)	(50)	
Amyloid Deposition	0 14 01	1 [1.0]	0 [4 0]	2[1 E]	
Angiectasis Basophilic Focus	2 [1.0] 6	5 [1.2] 5	2 [1.0] 4	2 [1.5] 3	
Clear Cell Focus	22	21 [3.0]	23	20	
Degeneration, Cystic	13 [1.2]	13 [1.3]	12 [1.3]	18 [1.2]	
Eosinophilic Focus	2	5	4	8	
Hepatodiaphragmatic Nodule	11 [1.5]	13 [1.9]	7 [1.6]	4 [1.7]	
Inflammation, Chronic	10 [1.0]	12 [1.1]	12 [1.1]	8 [1.0]	
Malformation				1	
Mixed Cell Focus	4	3	4	2	
Necrosis, Focal		2 [1.0]	2 [1.0]		
Bile Duct, Hyperplasia	45 [2.4]	49 [2.7]	46 [2.5]	44 [2.4]	
Centrilobular, Necrosis	4 [1.3]	7 [1.3]	8 [1.4]	8 [1.4]	

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

Route: DOSED WATER

Species/Strain: RATS/F 344

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)

WITH AVERAGE SEVERITY GRADES[b]

WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)

CAS Number: 5589-96-8

Pathologist: GILES, H. - HEATH, J. - Blackshear, P.

Time Report Reqsted: 15:00:22 First Dose M/F: 09/26/01 / 09/26/01 Lab: SRI

Date Report Regsted: 03/28/2006

Hepatocyte, Vacuolization Cytoplasmic 3 [2,0] 6 [1,5] 3 [1,7] 2 [2,0] Mesentery (6) (16) (15) (15) (15) Accessory Spleen 1	FISCHER 344 RATS MALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L	
Mesentery (6) (16) (15) (15) Accessory Spleen 1[2.0] 1[2.0] 1 Degeneration 1[2.0] 1[1.0] 1 Fat, Necrosis 6 [2.8] 8 [2.6] 9 [2.8] 9 [2.4] Oral Mucosa (0) (0) (1) (1) Parceas (50) (50) (50) (50) Acrosphy 29 [1.3] 28 [1.5] 26 [1.6] 29 [1.4] Cyst 1[2.0] 1[2.0] 1[2.0] Acinus, Hyperplasia, Focal 7 [1.4] 3 [1.3] 2 [2.0] 7 [1.9] Salwary Glands (50) (50) (50) (50) Inflammation 1[2.0] 1[2.0] 1[2.0] Ucer 3 [3.0] 3 [2.7] 2 [3.5] 5 [3.6] Edema 4 [1.5] 3 [1.7] 1 [1.0] [1.7] Ucer 3 [3.0] 3 [2.7] 2 [3.0] (50) (50) Edema 4 [1.5] 3 [1.7] 1 [1.0] 6 [1.7]	Hepatocyte, Vacuolization Cytoplasmic	3 [2.0]	6 [1.5]	3 [1.7]	2 [2.0]	
Anglectais 1[2.0] 1[1.0] Degeneration 1[1.0] 1[1.0] Fat, Necrosis 6[2.8] 8[2.6] 9[2.8] 9[2.4] Oral Mucosa (6) (50) (50) (50) Atrophy 29[1.3] 28[1.5] 26[1.6] 29[1.4] Cyst 7[1.4] 3[1.3] 2 [2.0] 7[1.9] Salivary Glands (50) (50) (50) (50) Inflammation 12.0] 500 (50) (50) Stomach, Creationach (50) (50) (50) (50) Inflammation 1[1.0] 1[1.0] 1[1.0] 1[1.0] Inflammation, Chronic Active 1[2.0] 1[1.0] 1[1.0] 1[1.0] Ucer 3[3.0] 3[2.7] 2[3.5] 5[3.6] 5[5.0] Stomach, Cishnuk 6[2.2] 5[2.4] 5[1.8] 8[2.5] 5[3.6] Erosion 7[2.4] 5[2.2] 7[2.0] 8[1.8] 4[1.5] Ucer 2[3.0]		(6)		(15)	(15)	
Degeneration 1 [1.0] Fat, Necrosis 6 [2.8] 8 [2.6] 9 [2.8] 9 [2.4] Oral Mucosa (0) (0) (1) (1) Pancreas (50) (50) (50) (50) Atrophy 29 [1.3] 28 [1.5] 26 [1.6] 29 [1.4] Cyst 1 [2.0] 7 [1.4] 3 [1.3] 2 [2.0] 7 [1.9] Salivary (Blands (50) (50) (50) (50) (50) Infammation (50) (50) (50) (50) (50) Stomach, Forestomach (50) (50) (50) (50) (50) Ulcer 1 [2.0] 1 [1.0] 1 [1.0] 1 [1.0] 1 [1.0] Infammation, Chronic Active 1 [2.0] 1 [1.0] 1 [1.0] 1 [1.0] 1 [1.0] Ulcer 3 [3.0] 3 [1.7] 1 [1.0] 1 [1.7] 1 [1.0] 1 [1.7] Ulcer 2 [3.0] 3 [1.7] 1 [1.0] 6 [1.7] 1 [1.0] Tongue				1 [2.0]		
Fail Necrosis 6 [2.8] 8 [2.6] 9 [2.4] 9 [2.4] Oral Mucosa (0) (0) (1) (1) Pancreas (50) (50) (50) (50) Atrophy 29 [1.3] 28 [1.5] 26 [1.6] 29 [1.4] Acinus, Hyperplasia, Focal 7 [1.4] 3 [1.3] 2 [2.0] 7 [1.9] Salivary Glands (50) (50) (50) (50) Inflammation 12.0] 7 [1.9] 5 [3.6] 5 [3.6] Stomach, Forestomach (50) (50) (50) (50) Inflammation, Chronic Active 1 [2.0] 1 [1.0] 1 [1.0] Inflammation, Glandular (50) (50) (50) (50) Erosion 7 [2.4] 5 [2.2] 7 [2.0] 8 [1.8] Hyperplasia 6 [2.2] 5 [2.2] 7 [2.0] 8 [1.8] Hyperplasia 1 [2.0] 1 [1.0] 1 [1.0] 1 [1.0] Ucer 2 [3.0] 3 [1.7] 2 [3.0] 2 [1.7] 2 [3.0]	Angiectasis			1 [2.0]		
Oral Mucosa (0) (1) (1) (1) Pancreas (50) (50) (50) (50) Atrophy 29 [1.3] 28 [1.5] 26 [1.6] 29 [1.4] Cyst 1 [2.0] 1 [2.0] Acrus, Hyperplasia, Focal 7 [1.4] 3 [1.3] 2 [2.0] 7 [1.9] Salivary Glands (50) (50) (50) (50) 1 [2.0] Acrus, Hyperplasia, Focal 7 [1.4] 3 [1.3] 2 [2.0] 7 [1.9] Salivary Glands (50) (50) (50) (50) 1 [2.0] Stomach, Forestomach (50) (50) (50) (50) 1 [2.0] Ulcer 1 [2.0] 1 [1.0] 1 [1.0] 1 [1.0] 1 [1.0] Ulcer 3 [3.0] 3 [2.7] 2 [3.5] 5 [3.6] Estimitum, Hyperplasia 8 [2.5] Stomach, Glandular (50) (50) (50) (50) Edema 4 [1.5] 4 [1.5] 4 [1.5] 4 [1.5] 4 [1.5] Hyperplasia 1 [2.0] Torean 2 [2.0] </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Fat, Necrosis	6 [2.8]	8 [2.6]	9 [2.8]	9 [2.4]	
Arcophy Cyst 29 [1.3] 28 [1.5] 26 [1.6] 29 [1.4] Acinus, Hyperplasia, Focal 7 [1.4] 3 [1.3] 2 [2.0] 7 [1.4] Salivary Glands (50) (50) (50) (50) Inflammation (50) (50) (50) (50) Stomach, Forestomach (50) (50) (50) (50) Edema 4 [2.3] 4 [1.8] 4 [1.5] 6 [2.3] Erosion 1 [1.0] 1 [1.0] 1 [1.0] Ucer 3 [3.0] 3 [2.7] 2 [3.5] 5 [3.6] Epithelium, Hyperplasia 6 [2.2] 5 [2.4] 5 [1.8] 8 [2.5] Stomach, Glandular (50) (50) (50) (50) Edema 4 [1.5] 3 [1.7] 1 [1.0] 6 [1.7] Eridenium, Hyperplasia 1 [2.0] 1 [1.0] 1 [1.0] Ulcer 2 [3.0] 3 [1.7] 2 [3.0] 1 [1.0] Tongue (0) (1) (0) 1 [1.0] Heart (50) <td>Oral Mucosa</td> <td>(0)</td> <td>(0)</td> <td>(1)</td> <td>(1)</td> <td></td>	Oral Mucosa	(0)	(0)	(1)	(1)	
Cyst 1[2,0] Acinus, Hyperplasia, Focal 7[1,4] 3[1,3] 2[2,0] 7[1,9] Salivary Glands (50) (50) (50) (50) (50) Inflammation 1	Pancreas	(50)	(50)	(50)	(50)	
Acinus, Hyperplasia, Focal 7 [1,4] 3 [1,3] 2 [2,0] 7 [1,9] Salivary Glands (50) (50) (50) (50) (50) Inflammation (50) (50) (50) (50) (50) Stormach, Forestomach (50) (50) (50) (50) (50) Edema 4 [2,3] 4 [1,8] 4 [1,5] 6 [2,3] 5 [3,6] Erosion 1 [2,0] 11.0] 1 [1.0] 1 [1.0] 1 [1.0] Inflammation, Chronic Active 1 [2,0] 1 [2,0] 1 [1.0] 1 [1.0] 1 [1.0] Ulder 3 [3,0] 3 [2,7] 2 [3,5] 5 [3,6] 5 [3,6] 5 [3,6] Epithelium, Hyperplasia 6 [2,2] 5 [2,4] 5 [1,8] 8 [2,5] 5 [3,6] Stormach, Glandular (50) (50) (50) (50) (50) 1 [3,0] Erosion 7 [2,4] 5 [2,2] 7 [2,0] 8 [1,8] 4 [1,8] 4 [1,7] Hyperplasia 1 [2,0] 1 [1,0] 0 1 [1,0] 1 [1,0] 1 [1,0] Tooth (0)	Atrophy	29 [1.3]	28 [1.5]	26 [1.6]	29 [1.4]	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Cyst				1 [2.0]	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Acinus, Hyperplasia, Focal	7 [1.4]	3 [1.3]	2 [2.0]	7 [1.9]	
Inflammation 1[2.0] Stomach, Forestomach (50) (50) (50) (50) Edema 4 [2.3] 4 [1.8] 4 [1.5] 6 [2.3] Erosion 1 [2.0] 1 [1.0] 1 [1.0] Inflammation, Chronic Active 1 [2.0] 1 [1.0] 1 [1.0] Ulcer 3 [3.0] 3 [2.7] 2 [3.5] 5 [3.6] Epithelium, Hyperplasia 6 [2.2] 5 [2.4] 5 [1.8] 8 [2.5] Stomach, Glandular (50) (50) (50) (50) Erosion 7 [2.4] 5 [2.2] 7 [2.0] 8 [1.8] Hyperplasia 1 [2.0] 1 [1.0] 6 [1.7] Hyperplasia 1 [2.0] 1 [1.0] 7 [2.0] 8 [1.8] Hyperplasia 1 [2.0] 1 [1.0] 1 [1.0] 1 [1.0] Tooth (0) (1) (0) 1 [1.0] Malformation 2 [2.0] 2 [2.0] 2 [2.0]	Salivary Glands				(50)	
Stomach, Forestomach (50) (50) (50) (50) (50) Edema 4 [2.3] 4 [1.8] 4 [1.5] 6 [2.3] Erosion 1[2.0] 1	Inflammation				1 [2.0]	
Erosion 1 [1.0] 1 [1.0] 1 [1.0] Inflammation, Chronic Active 3 [3.0] 3 [2.7] 2 [3.5] 5 [3.6] Epithelium, Hyperplasia 6 [2.2] 5 [2.4] 5 [1.8] 8 [2.5] Stomach, Glandular (50) (50) (50) (50) Edema 4 [1.5] 3 [1.7] 1 [1.0] 6 [1.7] Erosion 7 [2.4] 5 [2.2] 7 [2.0] 8 [1.8] Hyperplasia 1 [2.0] 1 [1.0] 6 [1.7] Ulcer 2 [3.0] 3 [1.7] 1 [1.0] 6 [1.7] Tongue (0) (1) (0) (1) Ulcer 2 [3.0] 3 [1.7] 2 [3.0] 1 Tongue (0) (1) (0) (1) 1 Hyperplasia 1 2 [2.0] 1 1 2 CARDIOVASCULAR SYSTEM (50) (50) (50) (50) 6 [3.3] ENDOCRINE SYSTEM 5 (50) (50) (50) (50)	Stomach, Forestomach	(50)	(50)	(50)	(50)	
Erosion 1 [1.0] 1 [1.0] 1 [1.0] Inflammation, Chronic Active 3 [3.0] 3 [2.7] 2 [3.5] 5 [3.6] Epithelium, Hyperplasia 6 [2.2] 5 [2.4] 5 [1.8] 8 [2.5] Stomach, Glandular (50) (50) (50) (50) Edema 4 [1.5] 3 [1.7] 1 [1.0] 6 [1.7] Erosion 7 [2.4] 5 [2.2] 7 [2.0] 8 [1.8] Hyperplasia 1 [2.0] 1 [1.0] 6 [1.7] Ulcer 2 [3.0] 3 [1.7] 1 [1.0] 6 [1.7] Tongue (0) (1) (0) (1) Ulcer 2 [3.0] 3 [1.7] 2 [3.0] 1 Tongue (0) (1) (0) (1) 1 Hyperplasia 1 2 [2.0] 1 1 2 CARDIOVASCULAR SYSTEM (50) (50) (50) (50) 6 [3.3] ENDOCRINE SYSTEM 5 (50) (50) (50) (50)	Edema	4 [2.3]	4 [1.8]	4 [1.5]	6 [2.3]	
Inflammation, Chronic Active 1 [2.0] Image of the state of the st	Erosion			1 [1.0]	1 [1.0]	
Epithelium, Hyperplasia 6 [2.2] 5 [2.4] 5 [1.8] 8 [2.5] Stomach, Glandular (50) (50) (50) (50) Edema 4 [1.5] 3 [1.7] 1 [1.0] 6 [1.7] Erosion 7 [2.4] 5 [2.2] 7 [2.0] 8 [1.8] Hyperplasia 1 [2.0] 0 (1) 0 (1) Ucer 2 [3.0] 3 [1.7] 2 [3.0] 7000 (1) (1) Hyperplasia (0) (1) (0) (1) (1) (1) Hyperplasia (0) (0) (0) (2) (2) (2) CARDIOVASCULAR SYSTEM (50) (50) (50) (50) (50) (50) Heart (50) (50) (50) (50) (50) (50) Cardiomyopathy 4 [2.3] 3 [3.3] 4 [3.0] 6 [3.3] (50) ENDOCRINE SYSTEM (50) (50) (50) (50) (50) (50)	Inflammation, Chronic Active		1 [2.0]			
Epithelium, Hyperplasia 6 [2.2] 5 [2.4] 5 [1.8] 8 [2.5] Stomach, Glandular (50) (50) (50) (50) Edema 4 [1.5] 3 [1.7] 1 [1.0] 6 [1.7] Erosion 7 [2.4] 5 [2.2] 7 [2.0] 8 [1.8] Hyperplasia 1 [2.0] 0 (1) 0 (1) Ucer 2 [3.0] 3 [1.7] 2 [3.0] 7000 (1) (1) Hyperplasia (0) (1) (0) (1) (1) (1) Hyperplasia (0) (0) (0) (2) (2) (2) CARDIOVASCULAR SYSTEM (50) (50) (50) (50) (50) (50) Heart (50) (50) (50) (50) (50) (50) Cardiomyopathy 4 [2.3] 3 [3.3] 4 [3.0] 6 [3.3] (50) ENDOCRINE SYSTEM (50) (50) (50) (50) (50) (50)	Ulcer	3 [3.0]	3 [2.7]	2 [3.5]	5 [3.6]	
Stomach, Glandular (50) (50) (50) (50) Edema 4 [1.5] 3 [1.7] 1 [1.0] 6 [1.7] Erosion 7 [2.4] 5 [2.2] 7 [2.0] 8 [1.8] Hyperplasia 1 [2.0] 1 0 (1) Ulcer 2 [3.0] 3 [1.7] 2 [3.0] 1 Tongue (0) (1) (0) 1 1 Hyperplasia 1 0 1 1 1 Tooth (0) (0) (0) 2 [2.0] 1 Malformation 2 [2.0] 1 1 1 1 CARDIOVASCULAR SYSTEM 1 46 [1.7] 48 [1.8] 48 [1.7] Heart (50) (50) (50) 6 [3.3] ENDOCRINE SYSTEM 1 4 5	Epithelium, Hyperplasia	6 [2.2]				
Edema 4 [1.5] 3 [1.7] 1 [1.0] 6 [1.7] Erosion 7 [2.4] 5 [2.2] 7 [2.0] 8 [1.8] Hyperplasia 1 [2.0] 1 0 1 Ulcer 2 [3.0] 3 [1.7] 2 [3.0] (1) Tongue (0) (1) (0) (1) Hyperplasia 1 [1.0] (2) (2) Tooth (0) (0) (2) (2) Malformation 2 [2.0] 2 [2.0] 2 [2.0] CARDIOVASCULAR SYSTEM (50) (50) (50) (50) Heart (50) (50) (50) (50) (50) Cardiomyopathy 47 [1.7] 46 [1.7] 48 [1.8] 48 [1.7] Thrombosis 4 [2.3] 3 [3.3] 4 [3.0] 6 [3.3] ENDOCRINE SYSTEM (50) (50) (50) (50)						
Erosion 7 [2.4] 5 [2.2] 7 [2.0] 8 [1.8] Hyperplasia 1 [2.0] 1 [2.0] 1 [2.0] 1 [2.0] Ulcer 2 [3.0] 3 [1.7] 2 [3.0] 1 [1.0] Tongue (0) (1) (0) 1 [1.0] Hyperplasia 0 (0) 1 [1.0] Tooth (0) (0) 2 [2.0] CARDIOVASCULAR SYSTEM Heart Cardiomyopathy Af7 [1.7] 46 [1.7] 48 [1.8] 48 [1.7] Thrombosis 4 [2.3] 3 [3.3] 4 [3.0] 6 [3.3] ENDOCRINE SYSTEM Adrenal Cortex (50) (50) (50) (50) (50) (50) (50)						
Hyperplasia 1 [2.0] Ulcer 2 [3.0] 3 [1.7] 2 [3.0] Tongue (0) (1) (0) (1) Hyperplasia (0) (1) (0) (1) Tooth (0) (0) (0) (2) Malformation 2 [2.0] 2 2 CARDIOVASCULAR SYSTEM Heart (50) (50) (50) (50) Cardiomyopathy 47 [1.7] 46 [1.7] 48 [1.8] 48 [1.7] Thrombosis 4 [2.3] 3 [3.3] 4 [3.0] 6 [3.3]	Erosion					
Uicer 2 [3.0] 3 [1.7] 2 [3.0] Tongue (0) (1) (0) (1) Hyperplasia (0) (0) (0) 1 [1.0] Tooth (0) (0) (0) (2) Malformation 2 [2.0] 2 2 CARDIOVASCULAR SYSTEM Heart (50) (50) (50) (50) Cardiomyopathy 47 [1.7] 46 [1.7] 48 [1.8] 48 [1.7] Thrombosis 4 [2.3] 3 [3.3] 4 [3.0] 6 [3.3] ENDOCRINE SYSTEM (50) (50) (50) (50)						
Tongue (0) (1) (0) (1) Hyperplasia 1 <td></td> <td></td> <td>3 [1.7]</td> <td>2 [3.0]</td> <td></td> <td></td>			3 [1.7]	2 [3.0]		
Hyperplasia Tooth Malformation (0) (0) (0) 1 [1.0] (2) 2 [2.0] CARDIOVASCULAR SYSTEM	Tongue	(0)		(0)	(1)	
Tooth (0) (0) (0) (0) (2) Malformation 2 [2.0] CARDIOVASCULAR SYSTEM Heart (50) (50) (50) Cardiomyopathy 47 [1.7] 46 [1.7] 48 [1.8] 48 [1.7] Thrombosis 4 [2.3] 3 [3.3] 4 [3.0] 6 [3.3] ENDOCRINE SYSTEM Adrenal Cortex (50) (50) (50)		()			1 [1.0]	
Malformation 2 [2.0] CARDIOVASCULAR SYSTEM Heart (50) (50) (50) Cardiomyopathy 47 [1.7] 46 [1.7] 48 [1.8] 48 [1.7] Thrombosis 4 [2.3] 3 [3.3] 4 [3.0] 6 [3.3] ENDOCRINE SYSTEM Adrenal Cortex (50) (50) (50) (50)		(0)	(0)	(0)		
Heart Cardiomyopathy Thrombosis (50) 47 [1.7] 4 [2.3] (50) 46 [1.7] 3 [3.3] (50) 48 [1.8] 4 [3.0] (50) 6 [3.3] ENDOCRINE SYSTEM Adrenal Cortex (50) (50) (50) (50)	Malformation		. ,	()	2 [2.0]	
Cardiomyopathy Thrombosis 47 [1.7] 4 [2.3] 46 [1.7] 3 [3.3] 48 [1.8] 4 [3.0] 48 [1.7] 6 [3.3] ENDOCRINE SYSTEM Adrenal Cortex (50) (50) (50) (50)	CARDIOVASCULAR SYSTEM					
Thrombosis 4 [2.3] 3 [3.3] 4 [3.0] 6 [3.3] ENDOCRINE SYSTEM Adrenal Cortex (50) (50) (50)					(50)	
ENDOCRINE SYSTEM Adrenal Cortex (50) (50) (50) (50)						
Adrenal Cortex (50) (50) (50) (50)	Thrombosis	4 [2.3]	3 [3.3]	4 [3.0]	6 [3.3]	
	ENDOCRINE SYSTEM					
	Adrenal Cortex	(50)	(50)	(50)	(50)	
	Accessory Adrenal Cortical Nodule		27 [1.1]			

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

TDMS No. 96019 - 05

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]

Test Type: CHRONIC

Route: DOSED WATER

Species/Strain: RATS/F 344

WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)

CAS Number: 5589-96-8

Pathologist: GILES, H. - HEATH, J. - Blackshear, P.

Time Report Reqsted: 15:00:22 First Dose M/F: 09/26/01 / 09/26/01 Lab: SRI

Date Report Regsted: 03/28/2006

FISCHER 344 RATS MALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L	
Hyperplasia, Focal	11 [1.8]	13 [1.5]	12 [1.3]	9 [1.3]	
Hyperplasia, Diffuse Hypertrophy, Focal	5 [1.4]	1 [2.0] 3 [1.0]	3 [1.0]	4 [1.5]	
Necrosis	1 [4.0]	5[1.0]	5[1.0]	4 [1.5]	
Bilateral, Atrophy	.[]		1 [4.0]		
Adrenal Medulla	(50)	(50)	(50)	(50)	
Hyperplasia Necrosis	19 [1.8]	22 [2.0]	20 [1.8]	28 [2.0] 1 [3.0]	
Islets, Pancreatic	(50)	(50)	(50)	(50)	
Hyperplasia		1 [3.0]		1 [2.0]	
Pituitary Gland	(48)	(50)	(50)	(50)	
Pars Distalis, Angiectasis	23 [2.1]	27 [2.3]	23 [2.3]	20 [2.2]	
Pars Distalis, Cyst	5 [1.6]	1 [1.0]	4 [1.5]	4 [1.5]	
Pars Distalis, Hemorrhage	1 [4.0]			4 [4 0]	
Pars Distalis, Hyperplasia	10 [1 0]	0 [4 4]	0 [2 0]	1 [4.0]	
Pars Distalis, Hyperplasia, Focal Pars Intermedia, Cyst	10 [1.9]	8 [1.1]	9 [2.0] 1 [1.0]	9 [1.6]	
Thyroid Gland	(50)	(50)	(50)	(50)	
Ultimobranchial Cyst	2 [1.0]	3 [1.0]	3 [1.0]	1 [1.0]	
C-cell, Hyperplasia	21 [1.7]	15 [2.0]	15 [2.0]	24 [1.4]	
Follicle, Cyst	11 [1.3]	11 [1.3]	5 [1.4]	9 [1.0]	
GENERAL BODY SYSTEM					
Peritoneum	(0)	(4)	(2)	(3)	
GENITAL SYSTEM					
Epididymis	(50)	(50)	(50)	(50)	
Hyperplasia, Mesothelium Preputial Gland	(50)	1 [1.0] (49)	(50)	(49)	
Cyst	(50) 4 [1.8]	(49) 4 [1.5]	(50) 3 [1.7]	(49) 7 [1.9]	
Inflammation, Chronic	3 [2.0]	2 [2.0]	8 [1.8]	6 [1.8]	
Prostate	(50)	(50)	(50)	(50)	
Inflammation, Chronic	36 [1.7]	32 [1.7]	35 [1.8]	34 [1.8]	
Epithelium, Hyperplasia	7 [1.3]	4 [1.0]	7 [1.0]	5 [1.2]	
Seminal Vesicle	(50)	(50)	(50)	(50)	
Inflammation				1 [3.0]	
Testes	(50)	(50)	(50)	(50)	

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

Route: DOSED WATER

Species/Strain: RATS/F 344

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)

WITH AVERAGE SEVERITY GRADES[b]

WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)

CAS Number: 5589-96-8

Pathologist: GILES, H. - HEATH, J. - Blackshear, P.

Time Report Reqsted: 15:00:22 First Dose M/F: 09/26/01 / 09/26/01

Date Report Regsted: 03/28/2006

Lab: SRI

0 MG/L 250 MG/L 500 MG/L **FISCHER 344 RATS MALE** 1000 MG/L Germinal Epithelium, Atrophy 13 [2.5] 12 [2.3] 7 [2.3] 10 [2.3] HEMATOPOIETIC SYSTEM Bone Marrow (50) (50) (50) (50) Hyperplasia 5 [2.2] 7 [2.0] 8 [2.1] 3 [2.0] **Myelofibrosis** 1 [1.0] 2 [2.0] Lymph Node (14) (31) (19) (25) Deep Cervical, Hemorrhage 1 [2.0] Mediastinal, Congestion 1 [1.0] Mediastinal, Hemorrhage 6 [1.3] 1 [3.0] 4 [1.5] Mediastinal, Hyperplasia, Lymphoid 6 [1.5] 8 [1.3] 9 [1.2] 7 [1.4] Pancreatic, Amyloid Deposition 1 [3.0] Pancreatic, Hyperplasia, Lymphoid 4 [1.0] 4 [1.0] Lymph Node, Mandibular (1) (3) (0) (0) Hyperplasia, Lymphoid 1 [1.0] Lymph Node, Mesenteric (50) (50) (50) (50) Hyperplasia, Lymphoid 4 [1.0] 9 [1.2] Spleen (50) (50) (50) (50)Accessory Spleen 1 [1.0] Amyloid Deposition 1 [1.0] 2 [1.5] Fibrosis 1 [1.0] 2 [2.0] 3 [2.0] Hematopoietic Cell Proliferation 5 [2.0] 7 [2.3] 6 [2.7] 3 [3.0] Necrosis 1 [3.0] Pigmentation 1 [1.0] 2 [1.5] 1 [1.0] 1 [3.0] Lymphoid Follicle, Hyperplasia Thymus (49) (50) (50) (48) INTEGUMENTARY SYSTEM Mammary Gland (50) (50) (50) (50) Cyst 21 [1.5] 14 [1.5] 16 [1.6] 18 [1.2] Hyperplasia 2 [1.5] 1 [2.0] Skin (50) (50) (50) (50) Cyst Epithelial Inclusion 2 [2.5] 3 [2.3] 2 [2.0] 1 [3.0] Hyperplasia 2 [2.5] 2 [2.0] Inflammation. Chronic 1 [2.0] Epidermis, Hyperplasia 1 [3.0]

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

Route: DOSED WATER

Species/Strain: RATS/F 344

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]

WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)

Date Report Reqsted: 03/28/2006

Time Report Reqsted: 15:00:22 First Dose M/F: 09/26/01 / 09/26/01 Lab: SRI

Pathologist: GILES, H. - HEATH, J. - Blackshear, P.

FISCHER 344 RATS MALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L	
MUSCULOSKELETAL SYSTEM					
Bone	(50)	(50)	(50)	(50)	
Cranium, Osteopetrosis Femur, Osteopetrosis	1 [3.0]	4 [1.5]		2 [1.5] 1 [2.0]	
Skeletal Muscle	(1)	(4)	(0)	(1)	
NERVOUS SYSTEM					
Brain	(50)	(50)	(50)	(50)	
Compression	5 [3.4]	8 [3.3]	11 [3.0]	5 [3.4]	
Hemorrhage Necrosis	2 [1.0] 1 [2.0]	3 [1.7]	4 [2.3]	1 [4.0]	
RESPIRATORY SYSTEM					
Lung	(50)	(50)	(50)	(50)	
Hemorrhage	2 [1.0]	2 [1.0]	07 [4 0]	3 [1.3]	
Infiltration Cellular, Histiocyte Inflammation, Chronic	24 [1.2] 5 [1.2]	23 [1.0] 3 [1.0]	27 [1.0] 7 [1.3]	25 [1.0] 6 [1.3]	
Alveolar Epithelium, Hyperplasia	7 [1.6]	14 [1.9]	14 [1.6]	10 [1.9]	
Nose	(50)	(50)	(50)	(50)	
Foreign Body Inflammation, Chronic	14 [1.1] 18 [1.2]	9 [1.0] 9 [1.0]	14 [1.2] 16 [1.6]	18 [1.0] 21 [1.2]	
Nasolacrimal Duct, Cyst	1 [2.0]	1 [4.0]	10[1.0]	21[1.2]	
SPECIAL SENSES SYSTEM					
Eye	(50)	(50)	(50)	(50)	
Cataract Harderian Gland	2 [2.5]	3 [2.3]	3 [2.0]	2 [2.0]	
Harderian Giand Hyperplasia, Focal	(50) 1 [1.0]	(50) 1 [1.0]	(50)	(50)	
Inflammation, Chronic	1 [1.0]	1 [2.0]		3 [1.0]	
Zymbal's Gland	(1)	(1)	(1)	(0)	
JRINARY SYSTEM					
Kidney	(50)	(50)	(50)	(50)	

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

Route: DOSED WATER

Species/Strain: RATS/F 344

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]

WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)

CAS Number: 5589-96-8

Pathologist: GILES, H. - HEATH, J. - Blackshear, P.

Date Report Reqsted: 03/28/2006 Time Report Reqsted: 15:00:22

First Dose M/F: 09/26/01 / 09/26/01 Lab: SRI

FISCHER 344 RATS MALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L	
Cyst	1 [1.0]	0 /0 01		1 [2.0]	
Infarct	1 [1.0]	2 [2.0]	40 [4 0]	2 [2.5]	
Nephropathy Pelvis, Inflammation	47 [1.8]	47 [1.9]	43 [1.9]	45 [2.1] 1 [2.0]	
Renal Tubule, Pigmentation			1 [4.0]	1 [2:0]	
Transitional Epithelium, Hyperplasia	1 [1.0]		.[]	2 [1.0]	
Urinary Bladder	(50)	(50)	(50)	(49)	
Hemorrhage				1 [2.0]	
Inflammation				1 [2.0]	

*** END OF MALE ***

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

TDMS No. 96019 - 05

Test Type: CHRONIC Route: DOSED WATER

Species/Strain: RATS/F 344

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]

WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)

CAS Number: 5589-96-8

Pathologist: GILES, H. - HEATH, J. - Blackshear, P.

Time Report Reqsted: 15:00:22 First Dose M/F: 09/26/01 / 09/26/01 Lab: SRI

Date Report Regsted: 03/28/2006

FISCHER 344 RATS FEMALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L	
Disposition Summary					
Animals Initially in Study	66	66	66	66	
Early Deaths					
Moribund Sacrifice	12	14	9	13	
Natural Death Survivors	4	5	4	2	
Natural Death			1		
Terminal Sacrifice	34	31	36	35	
Animals Examined Microscopically	50	50	50	50	
ALIMENTARY SYSTEM					
Intestine Large, Cecum	(48)	(47)	(48)	(49)	
Intestine Large, Colon	(50)	(49)	(50)	(50)	
Hyperplasia	()	()	()	1 [2.0]	
Intestine Large, Rectum	(50)	(50)	(50)	(50)	
Hyperplasia			1 [4.0]	4 [2 0]	
Inflammation Intestine Small, Duodenum	(49)	(48)	(49)	1 [2.0] (49)	
Ectopic Tissue	(49)	1 [1.0]	(49)	(49)	
Intestine Small, Ileum	(47)	(47)	(48)	(48)	
Intestine Small, Jejunum	(47)	(47)	(48)	(48)	
Liver	(50)	(50)	(50)	(50)	
Angiectasis		2 [1.0]	2 [1.0]		
Basophilic Focus	39	37	37	31	
Clear Cell Focus	14	11	16	17	
Degeneration, Cystic	1 [1.0]				
Eosinophilic Focus	1	6	9	15	
Hemorrhage	1 [1.0]	40 [4 0]	F [0 0]	0 [4 7]	
Hepatodiaphragmatic Nodule Inflammation, Chronic	11 [1.7]	10 [1.9] 17 [1.1]	5 [2.0] 19 [1.2]	8 [1.7]	
Mixed Cell Focus	14 [1.1] 1	17 [1.1]	19 [1.2] 6	10 [1.0] 10	
Necrosis, Focal	I	4	1 [1.0]	2 [1.0]	
Bile Duct, Hyperplasia	19 [1.5]	19 [1.9]	21 [1.7]	16 [2.1]	
Hepatocyte, Vacuolization Cytoplasmic	6 [1.7]	4 [1.0]	3 [1.7]	3 [1.0]	
Mesentery	(9)	(9)	(9)	(6)	
Accessory Spleen	1 [1.0]		1 [2.0]	× /	

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

Route: DOSED WATER

Species/Strain: RATS/F 344

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]

WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)

CAS Number: 5589-96-8

Pathologist: GILES, H. - HEATH, J. - Blackshear, P.

Date Report Reqsted: 03/28/2006

Time Report Reqsted: 15:00:22 First Dose M/F: 09/26/01 / 09/26/01 Lab: SRI

FISCHER 344 RATS FEMALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L	
Hemorrhage Fat, Necrosis Oral Mucosa Pancreas Atrophy Cyst Acinus, Hyperplasia, Focal Stomach, Forestomach Edema Erosion Perforation Ulcer Epithelium, Hyperplasia Stomach, Glandular Edema Erosion Ulcer Tongue	7 [2.6] (2) (50) 21 [1.2] 1 [1.0] 2 [1.0] (50) 1 [3.0] 6 [1.0] (50) 2 [1.0] (1)	9 [2.4] (0) (50) 20 [1.5] 1 [2.0] (50) 2 [2.0] 2 [3.5] 2 [3.0] (50) 1 [1.0] 2 [2.0] (0)	8 [2.4] (0) (50) 22 [1.2] 1 [1.0] (50) 2 [2.0] 1 [2.0] 3 [2.0] 3 [2.0] 5 [2.4] (1)	$\begin{array}{c}1\ [2.0]\\4\ [2.3]\\(1)\\(50)\\22\ [1.2]\end{array}$ $\begin{array}{c}(50)\\1\ [1.0]\\1\ [4.0]\\1\ [4.0]\\6\ [1.5]\\(50)\\2\ [1.5]\\2\ [1.5]\\1\ [3.0]\\(0)\end{array}$	
CARDIOVASCULAR SYSTEM Heart Cardiomyopathy Thrombosis	(50) 44 [1.3]	(50) 43 [1.3] 1 [4.0]	(50) 48 [1.2]	(50) 44 [1.4]	
Adrenal Cortex Adrenal Cortex Accessory Adrenal Cortical Nodule Hyperplasia, Focal Hypertrophy, Focal Adrenal Medulla Hemorrhage Hyperplasia Necrosis Islets, Pancreatic Hyperplasia Pituitary Gland Pars Distalis, Angiectasis	(50) 17 [1.0] 17 [2.0] 5 [1.2] (49) 5 [1.8] (49) 1 [4.0] (50) 32 [2.0]	(50) 11 [1.0] 17 [2.1] 2 [1.0] (47) 6 [2.0] (50) (50) 32 [2.4]	(50) 12 [1.0] 18 [1.7] 3 [1.0] (50) 4 [1.5] (50) 1 [1.0] (50) 33 [2.0]	(50) 13 [1.1] 25 [2.1] 6 [1.3] (50) 1 [3.0] 7 [1.7] 1 [3.0] (50) (50) 30 [1.8]	

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

Route: DOSED WATER

Species/Strain: RATS/F 344

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]

WATER

WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)

CAS Number: 5589-96-8

Pathologist: GILES, H. - HEATH, J. - Blackshear, P.

Time Report Reqsted: 15:00:22

Date Report Regsted: 03/28/2006

First Dose M/F: 09/26/01 / 09/26/01 Lab: SRI

FISCHER 344 RATS FEMALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L	
Pars Distalis, Cyst	28 [1.6]	27 [1.8]	31 [1.8]	29 [2.0]	
Pars Distalis, Hyperplasia Pars Distalis, Hyperplasia, Focal Pars Intermedia, Cyst	14 [1.6]	11 [1.8]	6 [2.0] 1 [1.0]	1 [3.0] 17 [2.1]	
Thyroid Gland	(49)	(50)	(50)	(50)	
Últimobranchial Cyst	1 [1.0]	1 [1.0]	2 [1.0]	1 [1.0]	
C-cell, Hyperplasia Follicle, Cyst	25 [1.5] 5 [1.0]	28 [1.8] 3 [1.7]	23 [1.4] 2 [2.0]	23 [1.4] 4 [1.0]	
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
Clitoral Gland	(50)	(49)	(50)	(47)	
Cyst	4 [2.0]	6 [2.0]	7 [1.6]	7 [1.1]	
Hyperplasia	1 [2.0]	0 [4 0]	0 [4 7]	1 [2.0]	
Inflammation, Chronic Inflammation, Chronic Active	2 [2.0]	2 [1.0]	3 [1.7]	2 [1.0] 1 [3.0]	
Ovary	(50)	(50)	(50)	(50)	
Cyst	7 [1.7]	10 [1.9]	6 [1.8]	11 [1.5]	
Uterus	(50)	(50)	(50)	(50)	
Cyst			1 [1.0]	1 [1.0]	
Hemorrhage		1 [2.0]		1 [1.0]	
Hydrometra Inflammation, Chronic	1 [1.0]	2 [1.5]	4 [1.3]	4 [1.3]	
Cervix, Cyst		1 [2.0]	1 [2.0]	1 [2.0]	
Cervix, Hypertrophy			1 [2.0]	1 [3.0]	
Endometrium, Cyst				1	
Endometrium, Hyperplasia	1 [3.0]				
Vagina	(0)	(1)	(0)	(1)	
Cyst Inflammation, Acute		1 [2.0]		1 [4.0]	
HEMATOPOIETIC SYSTEM				(50)	
Bone Marrow	(50)	(50)	(50)	(50)	

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

Route: DOSED WATER

Species/Strain: RATS/F 344

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]

WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)

CAS Number: 5589-96-8

Pathologist: GILES, H. - HEATH, J. - Blackshear, P.

Time Report Reqsted: 15:00:22 First Dose M/F: 09/26/01 / 09/26/01

Date Report Regsted: 03/28/2006

Lab: SRI

FISCHER 344 RATS FEMALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L	
Hyperplasia Myelofibrosis	6 [1.7] 1 [2.0]	7 [1.9]	5 [1.6]	6 [1.7]	
Lymph Node Deep Cervical, Hyperplasia, Lymphoid	(15) 1 [1.0]	(20)	(11)	(16)	
Mediastinal, Hemorrhage Mediastinal, Hyperplasia, Lymphoid Pancreatic, Hyperplasia, Lymphoid Lymph Node, Mandibular	2 [1.5] 6 [1.5] 1 [1.0] (0)	1 [1.0] 14 [1.1] (2)	8 [1.0] 1 [1.0] (1)	2 [1.0] 11 [1.3] 1 [1.0] (1)	
Hyperplasia, Lymphoid Lymph Node, Mesenteric Edema	(50)	(50)	(50)	1 [1.0] (50) 1 [2.0]	
Hyperplasia, Lymphoid Spleen Fibrosis	2 [1.0] (50)	3 [1.0] (50)	3 [1.7] (50) 1 [1.0]	8 [1.4] (50) 2 [1.5]	
Hematopoietic Cell Proliferation Necrosis	3 [1.3] 1 [2.0]	11 [1.2]	10 [1.2]	8 [2.0]	
Pigmentation Thymus	3 [1.7] (50)	6 [1.0] (50)	4 [1.0] (50)	2 [2.5] (50)	
INTEGUMENTARY SYSTEM					
Mammary Gland Cyst Skin Cyst Epithelial Inclusion Edema	(50) 47 [1.5] (50)	(50) 47 [1.5] (50) 1 [3.0] 1 [1.0]	(50) 46 [1.6] (50)	(50) 45 [1.6] (50)	
Hyperkeratosis Inflammation, Chronic	1 [1.0] 1 [4.0]	1 [1.0]			
MUSCULOSKELETAL SYSTEM					
Bone Cranium, Osteopetrosis	(50)	(50) 1 [2.0]	(50)	(50)	
Femur, Osteopetrosis	1 [2.0]	1 [1.0]		3 [2.0]	
NERVOUS SYSTEM					
Brain	(50)	(50)	(50)	(50)	

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

Route: DOSED WATER

Species/Strain: RATS/F 344

P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH AVERAGE SEVERITY GRADES[b]

WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)

CAS Number: 5589-96-8

Pathologist: GILES, H. - HEATH, J. - Blackshear, P.

Time Report Reqsted: 15:00:22 First Dose M/F: 09/26/01 / 09/26/01 Lab: SRI

Date Report Regsted: 03/28/2006

FISCHER 344 RATS FEMALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L	
Compression Hemorrhage	10 [2.8]	15 [2.3]	9 [2.1] 3 [2.7]	10 [2.1]	
RESPIRATORY SYSTEM					
Lung Congestion Hemorrhage	(50) 1 [1.0]	(50) 2 [1.0]	(50)	(50) 2 [2.0]	
Infiltration Cellular, Histiocyte Inflammation, Chronic Metaplasia, Osseous	36 [1.0] 8 [1.0]	44 [1.0] 10 [1.0]	44 [1.0] 6 [1.0] 1 [1.0]	45 [1.0] 7 [1.0]	
Alveolar Epithelium, Hyperplasia Pleura, Fibrosis Nose	5 [1.8] 1 [2.0] (50)	7 [2.1] (50)	8 [1.6] (50)	18 [1.8] (50)	
Foreign Body Inflammation, Chronic	2 [1.0] 3 [2.0]	1 [1.0] 1 [1.0]	3 [1.0] 3 [1.0]	2 [1.0] 6 [1.5]	
SPECIAL SENSES SYSTEM					
Eye Cataract Harderian Gland Inflammation, Chronic Zymbal's Gland	(50) 4 [2.5] (50) 3 [1.0] (0)	(50) 2 [2.5] (50) 5 [1.0] (2)	(50) 2 [2.5] (50) 4 [1.0] (0)	(50) 3 [2.3] (50) (0)	
URINARY SYSTEM					
Kidney Infarct Nephropathy	(50) 36 [1.1]	(50) 2 [2.0] 42 [1.1]	(50) 2 [2.0] 43 [1.4]	(50) 7 [1.7] 40 [1.3]	
Cortex, Inflammation, Chronic Transitional Epithelium, Hyperplasia, Diffuse		3 [1.7]	2 [2.0]	1 [2.0] 6 [2.3]	
Transitional Epithelium, Inflammation, Chronic Active Urinary Bladder	(50)	3 [1.7]	3 [2.0]	6 [2.2]	
	(00)	(50)	(50)	(50)	

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

		WITH AVERAGE SE	EVERITY GRADES[b]	ANATOMIC SITE (a)	Date Report Reqsted: 03/28/2006
Test Type: CHRONIC	WATER DIS	INFECTION BYPRODU	CTS (BROMOCHLORO	ACETIC ACID)	Time Report Reqsted: 15:00:22
Route: DOSED WATER		CAS Numb	er: 5589-96-8		First Dose M/F: 09/26/01 / 09/26/01
Species/Strain: RATS/F 344	Р	Pathologist: GILES, H	HEATH, J Blackshear	r, P.	Lab: SRI
FISCHER 344 RATS FEMALE	0 MG/L	250 MG/L	500 MG/L	1000 MG/L	

*** END OF REPORT ***

a - Number of animals examined microscopically at site and number of animals with lesion b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)