

**TDMS No.** 20320 - 01

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

**Date Report Reqsted:** 11/07/2007

**Test Type:** 90-DAY

Tetrabromobisphenol A

**Time Report Reqsted:** 14:45:46

**Route:** GAVAGE

**CAS Number:** 79-94-7

**First Dose M/F:** 12/12/05 / 12/13/05

**Species/Strain:** RATS/F344/N Tac

**Lab:** BAT

F1\_RD

**C Number:** C20320

**Lock Date:** 12/19/2006

**Cage Range:** ALL

**Date Range:** ALL

**Reasons For Removal:** ALL

**Removal Date Range:** ALL

**Treatment Groups:** Include ALL

**TDMSE Version:** 1.9.1

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Lab: BAT

Fischer 344-Taconic RATS MALE	0 mg/kg	10 mg/kg	50 mg/kg	100 mg/kg	500 mg/kg	1000 mg/kg
<b>Disposition Summary</b>						
Animals Initially in Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
<b>ALIMENTARY SYSTEM</b>						
Esophagus	(10)	(0)	(0)	(0)	(0)	(10)
Muscularis, Inflammation, Chronic Active	1 [1.0]					
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Inflammation, Chronic	9 [1.0]	8 [1.0]	4 [1.0]	6 [1.0]	9 [1.0]	4 [1.0]
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell						1 [1.0]
<b>CARDIOVASCULAR SYSTEM</b>						
Heart	(10)	(0)	(0)	(0)	(0)	(10)
Cardiomyopathy	10 [1.0]					9 [1.0]
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Accessory Adrenal Cortical Nodule						1 [1.0]
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Cyst	1 [1.0]					
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Epididymis	(10)	(0)	(0)	(0)	(0)	(10)

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)

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Fischer 344-Taconic RATS MALE	0 mg/kg	10 mg/kg	50 mg/kg	100 mg/kg	500 mg/kg	1000 mg/kg
Inflammation, Chronic Active Preputial Gland	2 [1.0] (10)	(0)	(0)	(0)	(0)	2 [1.0] (10)
Infiltration Cellular, Mononuclear Cell						1 [1.0]
Inflammation, Suppurative, Acute	2 [1.5]					
Inflammation, Chronic Active	2 [1.0]					2 [1.5] (10)
Prostate	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Chronic Active	2 [1.0]					1 [2.0]
<b>HEMATOPOIETIC SYSTEM</b>						
None						
<b>INTEGUMENTARY SYSTEM</b>						
None						
<b>MUSCULOSKELETAL SYSTEM</b>						
None						
<b>NERVOUS SYSTEM</b>						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
Cerebrum, Inflammation, Focal						1 [1.0]
<b>RESPIRATORY SYSTEM</b>						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Chronic Active	7 [1.3]					9 [1.1]
Nose	(10)	(0)	(0)	(0)	(0)	(10)
Goblet Cell, Septum, Hyperplasia						1 [1.0]
Nasolacrimal Duct, Inflammation, Chronic Active						2 [1.0]
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	1 [1.0]					4 [1.0]
<b>SPECIAL SENSES SYSTEM</b>						

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Fischer 344-Taconic RATS MALE	0 mg/kg	10 mg/kg	50 mg/kg	100 mg/kg	500 mg/kg	1000 mg/kg
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	3 [1.0]					
Periductular, Inflammation, Chronic Active	1 [1.0]					
<b>URINARY SYSTEM</b>						
Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Mineralization	8 [1.0]					7 [1.0]
Nephropathy	10 [1.0]					7 [1.0]

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

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Fischer 344-Taconic RATS FEMALE	0 mg/kg	10 mg/kg	50 mg/kg	100 mg/kg	500 mg/kg	1000 mg/kg
<b>Disposition Summary</b>						
Animals Initially in Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
<b>ALIMENTARY SYSTEM</b>						
Esophagus	(10)	(0)	(0)	(0)	(0)	(10)
Muscularis, Inflammation, Chronic Active	1 [1.0]					
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Inflammation, Chronic	7 [1.3]	6 [1.7]	8 [1.5]	9 [1.6]	8 [1.1]	9 [1.3]
Pigmentation						1 [2.0]
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	1 [1.0]					
Acinus, Atrophy	3 [1.3]					
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	1 [1.0]					
<b>CARDIOVASCULAR SYSTEM</b>						
Heart	(10)	(0)	(0)	(0)	(0)	(10)
Cardiomyopathy	10 [1.0]					10 [1.0]
Inflammation, Chronic Active	1 [2.0]					
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Accessory Adrenal Cortical Nodule	1 [1.0]					2 [1.0]
<b>GENERAL BODY SYSTEM</b>						
None						

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<b>GENITAL SYSTEM</b>						
Clitoral Gland	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Suppurative	1 [1.0]					
Inflammation, Chronic						1 [1.0]
Ovary	(10)	(0)	(0)	(1)	(0)	(10)
Left, Cyst				1 [3.0]		
Uterus	(10)	(0)	(0)	(0)	(0)	(10)
Endometrium, Hyperplasia, Cystic	2 [2.0]					3 [2.0]
<b>HEMATOPOIETIC SYSTEM</b>						
None						
<b>INTEGUMENTARY SYSTEM</b>						
Skin	(10)	(0)	(0)	(1)	(0)	(10)
Dermis, Inflammation, Suppurative, Chronic				1 [3.0]		
Epidermis, Ulcer				1 [3.0]		
<b>MUSCULOSKELETAL SYSTEM</b>						
None						
<b>NERVOUS SYSTEM</b>						
None						
<b>RESPIRATORY SYSTEM</b>						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Chronic Active	6 [1.2]					7 [1.0]
Metaplasia, Osseous	1 [1.0]					
Alveolus, Hemorrhage, Acute	1 [3.0]					
Nose	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell						1 [2.0]

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Fischer 344-Taconic RATS FEMALE	0 mg/kg	10 mg/kg	50 mg/kg	100 mg/kg	500 mg/kg	1000 mg/kg
Inflammation, Chronic Active						1 [1.0]
Goblet Cell, Septum, Hyperplasia						1 [1.0]
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	2 [1.0]					3 [1.0]
<b>SPECIAL SENSES SYSTEM</b>						
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	1 [1.0]					2 [1.0]
Inflammation, Chronic Active	1 [2.0]					
<b>URINARY SYSTEM</b>						
Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Mineralization	5 [1.0]					6 [1.0]
Nephropathy						2 [1.0]
Pelvis, Inflammation, Chronic Active						1 [2.0]

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