

TDMS No. 20320 - 01
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: RATS/F344/N Tac

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 11/07/2007
Time Report Requested: 14:45:46
First Dose M/F: 12/12/05 / 12/13/05
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

Fischer 344-Taconic RATS MALE	0 mg/kg	10 mg/kg	50 mg/kg	100 mg/kg	500 mg/kg	1000 mg/kg
Disposition Summary						
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
ALIMENTARY SYSTEM						
Esophagus	(10)	(0)	(0)	(0)	(0)	(10)
Muscularis, Inflammation, Chronic Active	1 (10%)					
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Inflammation, Chronic	9 (90%)	8 (80%)	4 (40%)	6 (60%)	9 (90%)	4 (40%)
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell						1 (10%)
CARDIOVASCULAR SYSTEM						
Heart	(10)	(0)	(0)	(0)	(0)	(10)
Cardiomyopathy	10 (100%)					9 (90%)
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Accessory Adrenal Cortical Nodule						1 (10%)
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Cyst	1 (10%)					
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Chronic Active	2 (20%)					2 (20%)
Preputial Gland	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell						1 (10%)

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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, Suppurative, Acute	2 (20%)					
Inflammation, Chronic Active	2 (20%)					2 (20%)
Prostate	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Chronic Active	2 (20%)					1 (10%)
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
Cerebrum, Inflammation, Focal						1 (10%)
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Chronic Active	7 (70%)					9 (90%)
Nose	(10)	(0)	(0)	(0)	(0)	(10)
Goblet Cell, Septum, Hyperplasia						1 (10%)
Nasolacrimal Duct, Inflammation, Chronic Active						2 (20%)
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	1 (10%)					4 (40%)
SPECIAL SENSES SYSTEM						
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	3 (30%)					
Periductular, Inflammation, Chronic Active	1 (10%)					

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

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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
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Mineralization	8 (80%)					7 (70%)
Nephropathy	10 (100%)					7 (70%)

*** END OF MALE ***

Fischer 344-Taconic RATS FEMALE	0 mg/kg	10 mg/kg	50 mg/kg	100 mg/kg	500 mg/kg	1000 mg/kg
Disposition Summary						
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
ALIMENTARY SYSTEM						
Esophagus	(10)	(0)	(0)	(0)	(0)	(10)
Muscularis, Inflammation, Chronic Active	1 (10%)					
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Inflammation, Chronic	7 (70%)	6 (60%)	8 (80%)	9 (90%)	8 (80%)	9 (90%)
Pigmentation						1 (10%)
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	1 (10%)					
Acinus, Atrophy	3 (30%)					
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	1 (10%)					
CARDIOVASCULAR SYSTEM						
Heart	(10)	(0)	(0)	(0)	(0)	(10)
Cardiomyopathy	10 (100%)					10 (100%)
Inflammation, Chronic Active	1 (10%)					
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Accessory Adrenal Cortical Nodule	1 (10%)					2 (20%)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Clitoral Gland	(10)	(0)	(0)	(0)	(0)	(10)

Fischer 344-Taconic RATS FEMALE	0 mg/kg	10 mg/kg	50 mg/kg	100 mg/kg	500 mg/kg	1000 mg/kg
Inflammation, Suppurative	1 (10%)					
Inflammation, Chronic						1 (10%)
Ovary	(10)	(0)	(0)	(1)	(0)	(10)
Left, Cyst				1 (100%)		
Uterus	(10)	(0)	(0)	(0)	(0)	(10)
Endometrium, Hyperplasia, Cystic	2 (20%)					3 (30%)
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
Skin	(10)	(0)	(0)	(1)	(0)	(10)
Dermis, Inflammation, Suppurative, Chronic				1 (100%)		
Epidermis, Ulcer				1 (100%)		
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Chronic Active	6 (60%)					7 (70%)
Metaplasia, Osseous	1 (10%)					
Alveolus, Hemorrhage, Acute	1 (10%)					
Nose	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell						1 (10%)
Inflammation, Chronic Active						1 (10%)
Goblet Cell, Septum, Hyperplasia						1 (10%)
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	2 (20%)					3 (30%)
SPECIAL SENSES SYSTEM						

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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
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	1 (10%)					2 (20%)
Inflammation, Chronic Active	1 (10%)					
<hr/>						
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Mineralization	5 (50%)					6 (60%)
Nephropathy						2 (20%)
Pelvis, Inflammation, Chronic Active						1 (10%)

*** END OF REPORT ***