

TDMS No. 20321 - 01

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

Date Report Reqsted: 12/28/2007

Test Type: 90-DAY

Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

Time Report Reqsted: 13:10:21

Route: GAVAGE

CAS Number: 21850-44-2

First Dose M/F: 01/09/06 / 01/10/06

Species/Strain: RATS/F344/N Tac

Lab: BAT

F1_RD

C Number: C20321
Lock Date: 01/05/2007
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
TDMSE Version: 1.9.1

Test Type: 90-DAY

Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

Time Report Requested: 13:10:21

Route: GAVAGE

CAS Number: 21850-44-2

First Dose M/F: 01/09/06 / 01/10/06

Species/Strain: RATS/F344/N Tac

Lab: BAT

Fischer 344-Taconic RATS MALE	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Disposition Summary						
Animals Initially in Study	10	10	10	10	10	10
Early Deaths						
Dosing Accident		1				
Natural Death		1				
Survivors						
Terminal Sacrifice	10	8	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Intestine Large, Colon	(10)	(2)	(0)	(0)	(0)	(10)
Serosa, Parasite Metazoan						1
Intestine Large, Rectum	(10)	(2)	(0)	(0)	(0)	(10)
Parasite Metazoan						2
Liver	(10)	(5)	(5)	(4)	(7)	(10)
Hematopoietic Cell Proliferation	4 [1.0]					
Inflammation, Chronic	8 [1.3]	3 [1.0]	5 [1.0]	4 [1.0]	7 [1.1]	7 [1.0]
Vacuolization Cytoplasmic	5 [1.6]					
Mesentery	(0)	(0)	(0)	(0)	(0)	(1)
Fat, Necrosis						1 [3.0]
Oral Mucosa	(0)	(0)	(0)	(0)	(1)	(0)
Cyst, Focal					1	
Pancreas	(10)	(2)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	1 [1.0]					
Acinus, Atrophy	2 [1.0]					1 [1.0]
Arteriole, Inflammation	1 [1.0]					
Stomach, Glandular	(10)	(2)	(0)	(0)	(0)	(10)
Muscularis, Mineralization						1 [2.0]
CARDIOVASCULAR SYSTEM						
Heart	(10)	(2)	(0)	(0)	(0)	(10)
Cardiomyopathy	10 [1.2]	2 [1.0]				10 [1.1]
Infiltration Cellular, Mixed Cell	1 [1.0]					
Pigmentation	1 [1.0]					

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)

Test Type: 90-DAY

Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

Time Report Requested: 13:10:21

Route: GAVAGE

CAS Number: 21850-44-2

First Dose M/F: 01/09/06 / 01/10/06

Species/Strain: RATS/F344/N Tac

Lab: BAT

Fischer 344-Taconic RATS MALE	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(10)	(2)	(0)	(0)	(0)	(10)
Inflammation, Chronic Active	5 [1.0]					
Preputial Gland	(10)	(2)	(0)	(0)	(0)	(10)
Inflammation	3 [1.0]					3 [2.0]
Prostate	(10)	(2)	(0)	(0)	(0)	(10)
Inflammation, Chronic Active	1 [1.0]					
HEMATOPOIETIC SYSTEM						
Lymph Node, Mesenteric	(10)	(9)	(10)	(10)	(10)	(10)
Infiltration Cellular, Histiocyte	10 [2.9]	9 [3.0]	10 [2.9]	10 [3.0]	10 [3.0]	10 [3.0]
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						

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)

Test Type: 90-DAY

Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

Time Report Requested: 13:10:21

Route: GAVAGE

CAS Number: 21850-44-2

First Dose M/F: 01/09/06 / 01/10/06

Species/Strain: RATS/F344/N Tac

Lab: BAT

Fischer 344-Taconic RATS MALE	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Lung	(10)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Histiocyte	1 [1.0]	1 [1.0]			1 [1.0]	1 [1.0]
Inflammation, Granulomatous		4 [1.5]	8 [1.6]	8 [1.4]	6 [1.0]	2 [1.5]
Inflammation, Acute		2 [1.5]				
Inflammation, Chronic Active	7 [1.1]	1 [1.0]	9 [2.3]	6 [1.0]	8 [1.1]	7 [1.1]
Metaplasia, Osseous	1 [1.0]	2 [1.0]				
Nose	(10)	(2)	(0)	(0)	(0)	(10)
Inflammation, Chronic Active						1 [2.0]
Trachea	(10)	(2)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	1 [1.0]					2 [1.0]
SPECIAL SENSES SYSTEM						
Harderian Gland	(10)	(2)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	2 [1.0]					
Inflammation, Chronic Active						1 [2.0]
Bilateral, Inflammation, Chronic Active						1 [3.0]
URINARY SYSTEM						
Kidney	(10)	(2)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	1 [1.0]					2 [1.0]
Mineralization	8 [1.0]	1 [1.0]				6 [1.0]
Nephropathy	10 [1.0]	1 [1.0]				10 [1.1]
Urinary Bladder	(10)	(2)	(0)	(0)	(0)	(10)
Inflammation, Chronic						1 [1.0]
Muscularis, Mineralization						1 [1.0]

*** END OF MALE ***

Test Type: 90-DAY

Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

Time Report Requested: 13:10:21

Route: GAVAGE

CAS Number: 21850-44-2

First Dose M/F: 01/09/06 / 01/10/06

Species/Strain: RATS/F344/N Tac

Lab: BAT

Fischer 344-Taconic RATS FEMALE	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Disposition Summary						
Animals Initially in Study	10	10	10	10	10	10
Early Deaths						
Natural Death	1					
Survivors						
Terminal Sacrifice	9	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(0)	(10)
Parasite Metazoan						1
Liver	(10)	(8)	(8)	(9)	(10)	(10)
Inflammation, Chronic	8 [1.3]	8 [1.4]	8 [1.8]	9 [1.7]	10 [1.4]	10 [1.9]
CARDIOVASCULAR SYSTEM						
Heart	(10)	(0)	(0)	(0)	(0)	(10)
Cardiomyopathy	9 [1.0]					9 [1.0]
Inflammation, Chronic Active	1 [1.0]					
ENDOCRINE SYSTEM						
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Cyst						1
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Clitoral Gland	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation, Chronic Active	3 [1.3]					
Ovary	(10)	(0)	(1)	(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)

Test Type: 90-DAY

Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

Time Report Requested: 13:10:21

Route: GAVAGE

CAS Number: 21850-44-2

First Dose M/F: 01/09/06 / 01/10/06

Species/Strain: RATS/F344/N Tac

Lab: BAT

Fischer 344-Taconic RATS FEMALE	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Left, Cyst			1			
HEMATOPOIETIC SYSTEM						
Lymph Node, Mesenteric	(10)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Histiocyte	10 [2.8]	10 [3.0]	10 [2.9]	10 [3.0]	10 [3.0]	10 [3.0]
Spleen	(10)	(0)	(0)	(0)	(0)	(10)
Lymphoid Follicle, Depletion Cellular	1 [2.0]					
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(10)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Histiocyte	2 [1.0]	1 [1.0]	2 [1.0]	2 [1.0]		
Inflammation, Granulomatous		3 [1.3]	6 [1.5]	6 [1.5]	6 [1.0]	5 [1.4]
Inflammation, Acute	1 [2.0]					
Inflammation, Chronic Active	1 [1.0]	4 [1.0]	3 [1.7]	6 [1.2]	6 [1.2]	8 [1.4]
Metaplasia, Osseous				1 [1.0]		
Bronchiole, Metaplasia, Squamous						1 [1.0]
Nose	(10)	(0)	(0)	(0)	(0)	(10)
Squamous Epithelium, Hyperplasia						1 [1.0]
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	5 [1.0]					4 [1.0]
SPECIAL SENSES SYSTEM						

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)

Test Type: 90-DAY

Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

Time Report Requested: 13:10:21

Route: GAVAGE

CAS Number: 21850-44-2

First Dose M/F: 01/09/06 / 01/10/06

Species/Strain: RATS/F344/N Tac

Lab: BAT

Fischer 344-Taconic RATS FEMALE	0 mg/kg	62.5 mg/kg	125 mg/kg	250mg/kg	500 mg/kg	1000 mg/kg
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	1 [1.0]					
Inflammation, Chronic Active	2 [1.0]					3 [1.0]
Bilateral, Infiltration Cellular, Mononuclear Cell						1 [1.0]
Bilateral, Inflammation, Chronic Active	1 [2.0]					
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell						1 [1.0]
Mineralization	7 [1.0]					5 [1.0]
Nephropathy	2 [1.0]					1 [1.0]

*** END OF REPORT ***