

TDMS No. 20304 - 01

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

Date Report Requested: 06/24/2008

Test Type: CHRONIC

TEF evaluation (PCB 118)

Time Report Requested: 13:37:02

Route: GAVAGE

CAS Number: 31508-00-6

First Dose M/F: NA / 03/26/04

Species/Strain: RATS/SD

Lab: BAT

14 Wk_SSAC_R8

C Number: C20304

Lock Date: 10/12/2006

Cage Range: ALL

Date Range: ALL

Reasons For Removal: 25017 SSAC

Removal Date Range: 30-Jun-2004 - 30-Jun-2004

Treatment Groups: Include 001 0 UG/KG

Include 002 10 UG/KG

Include 003 30 UG/KG

Include 004 100 UG/KG

Include 005 220 UG/KG

Include 006 460 UG/KG

Include 007 1000 UG/KG

Include 008 4600 UG/KG

Study Gender: Female

TDMSE Version: 2.0.0

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SPRAGUE-DAWLEY RATS FEMALE	0 UG/KG	10 UG/KG	30 UG/KG	100 UG/KG	220 UG/KG	460 UG/KG
Disposition Summary						
Animals Initially in Study	80	30	30	80	80	80
Scheduled Sacrifice	10	10	10	10	10	10
Early Deaths						
Survivors						
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Clear Cell Focus						1
Eosinophilic Focus						
Fatty Change, Diffuse						
Hepatodiaphragmatic Nodule				2		
Inflammation	9 [1.0]	10 [1.0]	10 [1.0]	10 [1.0]	10 [1.0]	10 [1.3]
Necrosis						
Pigmentation						
Toxic Hepatopathy						
Hepatocyte, Hypertrophy			1 [1.0]	1 [1.0]	5 [1.0]	6 [1.0]
Hepatocyte, Multinucleated						
Pancreas	(10)	(10)	(10)	(10)	(10)	(10)
Acinus, Vacuolization Cytoplasmic						
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(0)
Stomach, Glandular	(10)	(0)	(0)	(0)	(0)	(0)
Erosion	1 [2.0]					
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(10)	(10)	(10)	(10)	(10)
Hypertrophy		2 [1.0]			1 [1.0]	
Adrenal Medulla	(10)	(10)	(10)	(10)	(10)	(10)
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(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)

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SPRAGUE-DAWLEY RATS FEMALE	0 UG/KG	10 UG/KG	30 UG/KG	100 UG/KG	220 UG/KG	460 UG/KG
Thyroid Gland Follicular Cell, Hypertrophy	(10) 1 [1.0]	(10)	(10) 1 [2.0]	(10)	(10) 1 [1.0]	(10) 2 [1.0]
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Ovary	(10)	(0)	(0)	(0)	(0)	(0)
Uterus	(10)	(10)	(10)	(10)	(10)	(10)
Vagina	(10)	(0)	(0)	(0)	(0)	(0)
HEMATOPOIETIC SYSTEM						
Lymph Node	(0)	(0)	(0)	(0)	(0)	(0)
Spleen	(10)	(0)	(0)	(0)	(0)	(0)
Hematopoietic Cell Proliferation	6 [1.0]					
Pigmentation	10 [1.0]					
Thymus Atrophy	(10)	(10)	(10)	(10)	(10)	(10)
INTEGUMENTARY SYSTEM						
Mammary Gland	(10)	(0)	(0)	(0)	(0)	(0)
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						

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SPRAGUE-DAWLEY RATS FEMALE	0 UG/KG	10 UG/KG	30 UG/KG	100 UG/KG	220 UG/KG	460 UG/KG
Lung	(10)	(10)	(10)	(10)	(10)	(10)
Hemorrhage				1 [3.0]		
Inflammation		1 [1.0]				
Alveolus, Infiltration Cellular, Histiocyte		1 [1.0]		1 [1.0]		
Serosa, Inflammation, Chronic Active		1 [3.0]				

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

None

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Lab: BAT

SPRAGUE-DAWLEY RATS FEMALE	1000 UG/KG	4600 UG/KG
Disposition Summary		
Animals Initially in Study	80	80
Scheduled Sacrifice	10	10
Early Deaths		
Survivors		
Animals Examined Microscopically	10	10
ALIMENTARY SYSTEM		
Liver	(10)	(10)
Clear Cell Focus	1	
Eosinophilic Focus		1
Fatty Change, Diffuse		10 [2.6]
Hepatodiaphragmatic Nodule		
Inflammation	10 [2.0]	10 [2.4]
Necrosis	3 [1.0]	9 [1.1]
Pigmentation	5 [1.0]	8 [1.0]
Toxic Hepatopathy		10 [1.0]
Hepatocyte, Hypertrophy	9 [1.4]	10 [2.9]
Hepatocyte, Multinucleated		10 [2.0]
Pancreas	(10)	(10)
Acinus, Vacuolization Cytoplasmic		1 [1.0]
Stomach, Forestomach	(0)	(10)
Stomach, Glandular	(0)	(10)
Erosion		
CARDIOVASCULAR SYSTEM		
None		
ENDOCRINE SYSTEM		
Adrenal Cortex	(10)	(10)
Hypertrophy		
Adrenal Medulla	(10)	(10)
Pituitary Gland	(0)	(10)

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Thyroid Gland Follicular Cell, Hypertrophy	(10) 2 [1.0]	(10) 4 [1.5]
GENERAL BODY SYSTEM		
None		
GENITAL SYSTEM		
Ovary	(0)	(10)
Uterus	(10)	(10)
Vagina	(0)	(10)
HEMATOPOIETIC SYSTEM		
Lymph Node	(1)	(0)
Spleen	(0)	(10)
Hematopoietic Cell Proliferation Pigmentation		10 [1.0]
Thymus	(10)	(10)
Atrophy		1 [3.0]
INTEGUMENTARY SYSTEM		
Mammary Gland	(0)	(10)
MUSCULOSKELETAL SYSTEM		
None		
NERVOUS SYSTEM		
None		
RESPIRATORY SYSTEM		

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Lung	(10)	(10)
Hemorrhage		
Inflammation		1 [1.0]
Alveolus, Infiltration Cellular, Histiocyte		1 [1.0]
Serosa, Inflammation, Chronic Active		
SPECIAL SENSES SYSTEM		
None		
URINARY SYSTEM		
None		

*** END OF REPORT ***

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b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)