

TDMS No. 20306 - 02
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: RATS/SD

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

PCN 66/67 COMPARISON STUDY
CAS Number: PCNCOMPARISN
Pathologist: VASCONCELOS, D.
F1 PCN 67

Date Report Reqsted: 12/05/2005
Time Report Reqsted: 12:38:07
First Dose M/F: NA / 10/06/03
Lab: BAT

C Number:	C20306		
Lock Date:	10/07/2004		
Cage Range:	ALL		
Date Range:	ALL		
Reasons For Removal:	ALL		
Removal Date Range:	ALL		
Treatment Groups:	Include 001 0 NG/KG	Include 007 1000 NG/KG 67	Include 008 10,000 NG/KG 67
	Include 009 50,000 NG/KG 67	Include 010 100,000 NG/KG 67	Include 011 200,000 NG/KG 67

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SPRAGUE-DAWLEY RATS FEMALE	0 NG/KG	1000 NG/KG 67	10,000 NG/ KG 67	50,000 NG/ KG 67	100,000 NG /KG 67	200,000 NG /KG 67
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						
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Fatty Change						10 (100%)
Hepatocyte, Multinucleate						2 (20%)
Hepatodiaphragmatic Nodule	1 (10%)					
Inflammation, Suppurative					2 (20%)	10 (100%)
Inflammation, Chronic Active	8 (80%)	9 (90%)	8 (80%)	9 (90%)	10 (100%)	10 (100%)
Necrosis	1 (10%)			1 (10%)	1 (10%)	
Necrosis, Focal						6 (60%)
Pigmentation					2 (20%)	1 (10%)
Toxic Hepatopathy						10 (100%)
Bile Duct, Hyperplasia					1 (10%)	1 (10%)
Hepatocyte, Hypertrophy			1 (10%)	1 (10%)	3 (30%)	10 (100%)
Oval Cell, Hyperplasia						1 (10%)
Portal Vein, Fibrosis, Focal					1 (10%)	
Pancreas	(10)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Mononuclear Cell					1 (10%)	
Inflammation		1 (10%)			1 (10%)	
Acinus, Atrophy, Focal		1 (10%)				
Stomach, Forestomach	(10)	(10)	(10)	(10)	(10)	(10)
Epithelium, Hyperkeratosis	1 (10%)					
Tooth	(1)	(0)	(0)	(0)	(0)	(0)
Gingiva, Inflammation	1 (100%)					
CARDIOVASCULAR SYSTEM						
Heart	(10)	(0)	(0)	(0)	(0)	(10)
Cardiomyopathy						1 (10%)

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

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ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(10)	(10)	(10)	(10)	(10)
Hypertrophy		2 (20%)	1 (10%)	1 (10%)	1 (10%)	
Zona Fasciculata, Vacuolization		1 (10%)				
Cytoplasmic						
Thyroid Gland	(10)	(10)	(10)	(10)	(10)	(10)
Follicular Cell, Hypertrophy	1 (10%)					7 (70%)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Clitoral Gland	(10)	(0)	(1)	(0)	(0)	(10)
Cyst			1 (100%)			
Inflammation, Chronic Active	6 (60%)					6 (60%)
Ovary	(10)	(10)	(10)	(10)	(10)	(10)
Atrophy				1 (10%)		
Uterus	(10)	(10)	(10)	(10)	(10)	(10)
Endometrium, Hyperplasia, Cystic				1 (10%)		
HEMATOPOIETIC SYSTEM						
Spleen	(10)	(10)	(10)	(10)	(10)	(10)
Pigmentation, Hemosiderin	10 (100%)	10 (100%)	10 (100%)	10 (100%)	10 (100%)	9 (90%)
Thymus	(10)	(10)	(10)	(10)	(10)	(10)
Atrophy						1 (10%)
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(0)	(1)	(10)
Rib, Fracture					1 (100%)	

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NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(10)	(10)	(10)	(10)	(10)	(10)
Inflammation, Chronic Active	1 (10%)	1 (10%)			1 (10%)	1 (10%)
Alveolar Epithelium, Hyperplasia			1 (10%)			
Alveolus, Infiltration Cellular, Histiocyte	1 (10%)		1 (10%)	1 (10%)		1 (10%)
Nose	(10)	(0)	(0)	(0)	(0)	(10)
Respiratory Epithelium, Inflammation	2 (20%)					
SPECIAL SENSES SYSTEM						
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	1 (10%)					
URINARY SYSTEM						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Mineralization	4 (40%)	5 (50%)	4 (40%)	6 (60%)	5 (50%)	5 (50%)
Nephropathy	6 (60%)	6 (60%)	3 (30%)	6 (60%)	7 (70%)	5 (50%)

*** END OF REPORT ***