



TDMS No. 20306 - 03  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: RATS/F 344

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)**  
 PCN 66/67 COMPARISON STUDY  
 CAS Number: PCNCOMPARISN  
 Pathologist: VASCONCELOS, D.

Date Report Requested: 12/13/2005  
 Time Report Requested: 09:06:56  
 First Dose M/F: NA / 10/13/03  
 Lab: BAT

FISCHER 344 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
<b>Disposition Summary</b>						
Animals Initially in Study	15	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	15	10	10	10	10	10
Animals Examined Microscopically	15	10	10	10	10	10
<b>ALIMENTARY SYSTEM</b>						
Liver	(15)	(10)	(10)	(10)	(10)	(10)
Fatty Change						2 (20%)
Hepatocyte, Multinucleate				1 (10%)		9 (90%)
Hepatodiaphragmatic Nodule	1 (7%)	1 (10%)	2 (20%)			1 (10%)
Inflammation, Suppurative						1 (10%)
Inflammation, Granulomatous		1 (10%)			1 (10%)	
Inflammation, Chronic Active	7 (47%)	9 (90%)	9 (90%)	7 (70%)	10 (100%)	10 (100%)
Toxic Hepatopathy						9 (90%)
Hepatocyte, Hypertrophy	1 (7%)				1 (10%)	10 (100%)
Pancreas	(15)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Mononuclear Cell	7 (47%)	3 (30%)	6 (60%)	5 (50%)	9 (90%)	4 (40%)
Acinus, Atrophy, Focal					1 (10%)	1 (10%)
Stomach, Forestomach	(15)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Mononuclear Cell	1 (7%)					
Stomach, Glandular	(15)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	4 (27%)					
<b>CARDIOVASCULAR SYSTEM</b>						
Heart	(15)	(0)	(0)	(0)	(0)	(10)
Cardiomyopathy	9 (60%)					8 (80%)
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(15)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Lymphocyte		1 (10%)				
Infiltration Cellular, Mononuclear Cell					1 (10%)	
Pituitary Gland	(15)	(10)	(10)	(10)	(10)	(10)

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

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FISCHER 344 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
Hyperplasia, Focal				1 (10%)		
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Ovary	(15)	(10)	(10)	(10)	(10)	(10)
Periovarian Tissue, Cyst	1 (7%)					
<b>HEMATOPOIETIC SYSTEM</b>						
Lymph Node, Mesenteric	(15)	(0)	(0)	(10)	(10)	(10)
Atrophy	1 (7%)				2 (20%)	1 (10%)
Infiltration Cellular, Histiocyte	6 (40%)					6 (60%)
Spleen	(15)	(10)	(10)	(10)	(10)	(10)
Hematopoietic Cell Proliferation		10 (100%)	9 (90%)	5 (50%)	6 (60%)	
Pigmentation, Hemosiderin	15 (100%)	10 (100%)	10 (100%)	10 (100%)	10 (100%)	10 (100%)
Thymus	(15)	(10)	(10)	(10)	(10)	(10)
Atrophy						3 (30%)
<b>INTEGUMENTARY SYSTEM</b>						
None						
<b>MUSCULOSKELETAL SYSTEM</b>						
None						
<b>NERVOUS SYSTEM</b>						
None						
<b>RESPIRATORY SYSTEM</b>						
Lung	(15)	(10)	(10)	(10)	(10)	(10)

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Inflammation, Chronic Active		1 (10%)	1 (10%)		1 (10%)	
Alveolar Epithelium, Hyperplasia	1 (7%)	1 (10%)		1 (10%)		1 (10%)
Alveolus, Infiltration Cellular, Histiocyte	3 (20%)	1 (10%)	1 (10%)		2 (20%)	2 (20%)
Interstitialium, Inflammation, Granulomatous	1 (7%)					
<b>SPECIAL SENSES SYSTEM</b>						
Harderian Gland	(15)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell						1 (10%)
<b>URINARY SYSTEM</b>						
Kidney	(15)	(10)	(10)	(10)	(10)	(10)
Mineralization	15 (100%)	10 (100%)	9 (90%)	10 (100%)	6 (60%)	7 (70%)
Nephropathy	2 (13%)	1 (10%)	4 (40%)	2 (20%)	3 (30%)	3 (30%)
Capsule, Inflammation, Chronic Active		1 (10%)				
Urinary Bladder	(15)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Lymphocyte	1 (7%)					

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