

Experiment Number: 93027-47
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: HAMSTERS/SYRIAN

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

Test Compound: Peroxisome project (2,4-Dichlorophenoxyacetic acid)
CAS Number: 94-75-7

Date Report Requested: 10/17/2014
Time Report Requested: 16:41:07
First Dose M/F: NA / NA
Lab: BAT

C Number: C93027C
Lock Date: 06/12/1996
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Male
PWG Approval Date: NONE

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SYRIAN HAMSTERS MALE	0 PPM	12 PPM	100 PPM	500 PPM	1000 PPM	5000 PPM
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)
Gallbladder	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mixed Cell	8 (80%)					8 (80%)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(0)	(10)
Liver	(10)	(10)	(10)	(10)	(9)	(10)
Infiltration Cellular, Mixed Cell	10 (100%)	10 (100%)	9 (90%)	8 (80%)	9 (100%)	10 (100%)
Necrosis, Focal		1 (10%)				
Vacuolization Cytoplasmic, Focal	1 (10%)					
Pancreas	(10)	(10)	(10)	(10)	(10)	(10)
Inflammation, Chronic	7 (70%)	9 (90%)	9 (90%)	7 (70%)	7 (70%)	9 (90%)
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(0)	(0)	(10)
Mineralization	5 (50%)					7 (70%)
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)	(0)	(0)	(0)	(0)	(10)
Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(0)	(0)	(10)
Parathyroid Gland	(5)	(0)	(0)	(0)	(0)	(7)
Pituitary Gland	(6)	(0)	(0)	(1)	(0)	(10)
Thyroid Gland	(8)	(0)	(0)	(0)	(0)	(10)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(7)	(0)	(0)	(0)	(2)	(10)
Atrophy					2 (100%)	
Preputial Gland	(5)	(2)	(2)	(2)	(4)	(3)
Inflammation		1 (50%)				
Prostate	(10)	(0)	(0)	(0)	(0)	(10)
Atrophy	3 (30%)					
Seminal Vesicle	(10)	(0)	(0)	(0)	(0)	(10)
Atrophy	3 (30%)					
Testes	(10)	(10)	(9)	(10)	(10)	(10)
Atrophy	3 (30%)	2 (20%)	2 (22%)	5 (50%)	3 (30%)	1 (10%)
HEMATOPOIETIC SYSTEM						
Lymph Node, Mandibular	(9)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(9)
Spleen	(10)	(0)	(0)	(0)	(0)	(10)
Thymus	(10)	(0)	(0)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM						
Skin	(10)	(0)	(0)	(0)	(0)	(10)

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MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(0)	(0)	(10)
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Hemorrhage	2 (20%)					1 (10%)
Inflammation, Chronic	1 (10%)					1 (10%)
Nose	(10)	(0)	(0)	(0)	(0)	(10)
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(10)	(9)	(10)	(10)	(10)
Mineralization	4 (40%)	7 (70%)	6 (67%)	7 (70%)	8 (80%)	8 (80%)
Nephropathy	3 (30%)	6 (60%)	5 (56%)	7 (70%)	3 (30%)	8 (80%)
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(9)
Mineralization	5 (50%)					5 (56%)

**** END OF REPORT ****