

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

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

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

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:40:50  
**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
<b>Disposition Summary</b>						
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
<b>ALIMENTARY SYSTEM</b>						
Esophagus	(10)	(0)	(0)	(0)	(0)	(10)
Gallbladder	(10)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mixed Cell	8 [2.0]					8 [2.0]
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 [1.9]	10 [1.2]	9 [1.7]	8 [1.3]	9 [1.4]	10 [1.8]
Necrosis, Focal		1 [2.0]				
Vacuolization Cytoplasmic, Focal	1 [1.0]					
Pancreas	(10)	(10)	(10)	(10)	(10)	(10)
Inflammation, Chronic	7 [1.9]	9 [1.4]	9 [1.2]	7 [1.7]	7 [1.1]	9 [1.7]
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 [1.0]					7 [1.0]
<b>CARDIOVASCULAR SYSTEM</b>						
Heart	(10)	(0)	(0)	(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)

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Cardiomyopathy	1 [1.0]					
<b>ENDOCRINE SYSTEM</b>						
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)
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Epididymis	(7)	(0)	(0)	(0)	(2)	(10)
Atrophy					2 [2.5]	
Preputial Gland	(5)	(2)	(2)	(2)	(4)	(3)
Inflammation		1 [1.0]				
Prostate	(10)	(0)	(0)	(0)	(0)	(10)
Atrophy	3 [2.3]					
Seminal Vesicle	(10)	(0)	(0)	(0)	(0)	(10)
Atrophy	3 [3.0]					
Testes	(10)	(10)	(9)	(10)	(10)	(10)
Atrophy	3 [3.0]	2 [3.0]	2 [3.5]	5 [2.6]	3 [2.7]	1 [1.0]
<b>HEMATOPOIETIC SYSTEM</b>						
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)
<b>INTEGUMENTARY SYSTEM</b>						

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Skin	(10)	(0)	(0)	(0)	(0)	(10)
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 [2.0]					1 [2.0]
Inflammation, Chronic	1 [1.0]					1 [1.0]
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 [1.3]	7 [1.0]	6 [1.0]	7 [1.1]	8 [1.3]	8 [1.1]
Nephropathy	3 [1.3]	6 [1.0]	5 [1.0]	7 [1.0]	3 [1.3]	8 [1.5]
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(9)
Mineralization	5 [2.2]					5 [3.0]

\*\* END OF REPORT \*\*

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