

Experiment Number: 88032-03
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Rat/F 344/N

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

Test Compound: Oxymetholone
CAS Number: 434-07-1

Date Report Requested: 10/19/2014
Time Report Requested: 04:56:30
First Dose M/F: NA / NA
Lab: BAT

C Number: C88032B
Lock Date: 02/03/1993
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: NONE

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Lab: BAT

F 344/N Rat MALE	0 MG/KG	80 MG/KG	160 MG/KG	315 MG/KG	625 MG/KG	1250 MG/KG
Disposition Summary						
Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Natural Death						1
Survivors						
Natural Death					1	
Terminal Sacrifice	10	10	10	10	9	9
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Esophagus	(10)	(0)	(0)	(0)	(1)	(10)
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(0)	(9)
Intestine Large, Colon	(10)	(0)	(0)	(0)	(1)	(9)
Intestine Large, Rectum	(10)	(0)	(0)	(0)	(1)	(10)
Parasite Metazoan	1 [1.0]					
Intestine Small, Duodenum	(10)	(0)	(0)	(0)	(0)	(9)
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(0)	(9)
Intestine Small, Jejunum	(10)	(0)	(0)	(0)	(1)	(9)
Liver	(10)	(0)	(0)	(2)	(1)	(9)
Hematopoietic Cell Proliferation	1 [2.0]					
Hepatodiaphragmatic Nodule				2		1
Pancreas	(10)	(0)	(0)	(0)	(1)	(9)
Salivary Glands	(10)	(0)	(0)	(0)	(1)	(9)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(2)	(9)
Necrosis, Diffuse					1 [2.0]	
Stomach, Glandular	(10)	(0)	(0)	(0)	(1)	(9)
CARDIOVASCULAR SYSTEM						
Blood Vessel	(10)	(0)	(0)	(0)	(1)	(9)
Heart	(10)	(10)	(10)	(10)	(10)	(9)

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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F 344/N Rat MALE	0 MG/KG	80 MG/KG	160 MG/KG	315 MG/KG	625 MG/KG	1250 MG/KG
Myocardium, Degeneration, Chronic	10 [1.3]	8 [1.6]	10 [1.4]	10 [1.3]	9 [1.8]	9 [1.8]
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(10)	(10)	(10)	(10)	(9)
Hypertrophy, Focal	1 [2.0]					
Vacuolization Cytoplasmic	9 [1.0]	6 [1.0]	10 [1.0]	10 [1.4]	10 [1.6]	9 [3.0]
Adrenal Medulla	(10)	(0)	(0)	(0)	(1)	(9)
Islets, Pancreatic	(10)	(0)	(0)	(0)	(1)	(9)
Parathyroid Gland	(8)	(0)	(0)	(0)	(1)	(8)
Pituitary Gland	(10)	(0)	(0)	(0)	(1)	(9)
Craniophar Dct, Cyst						1 [2.0]
Thyroid Gland	(10)	(0)	(0)	(0)	(1)	(9)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(10)	(0)	(0)	(0)	(1)	(10)
Preputial Gland	(9)	(0)	(0)	(0)	(1)	(9)
Prostate	(10)	(0)	(0)	(0)	(1)	(9)
Inflammation, Chronic	1 [2.0]					
Seminal Vesicle	(10)	(0)	(0)	(0)	(1)	(9)
Testes	(10)	(0)	(0)	(0)	(1)	(10)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(0)	(0)	(0)	(1)	(10)
Lymph Node, Mandibular	(10)	(0)	(0)	(0)	(0)	(8)
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(1)	(9)
Spleen	(10)	(0)	(0)	(0)	(1)	(9)
Lymph Follic, Depletion Cellular					1 [3.0]	
Thymus	(10)	(0)	(0)	(0)	(1)	(9)

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INTEGUMENTARY SYSTEM						
Mammary Gland	(9)	(9)	(7)	(8)	(10)	(8)
Dilatation			7 [1.6]	8 [2.6]	10 [2.4]	8 [2.9]
Skin	(10)	(0)	(0)	(0)	(1)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(0)	(1)	(10)
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(1)	(10)
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(1)	(9)
Alveolus, Foreign Body					1	
Alveolus, Inflammation, Chronic Active	1 [2.0]					
Nose	(10)	(0)	(0)	(0)	(1)	(10)
Turbinate, Inflammation, Chronic Active	8 [1.4]					
Trachea	(10)	(0)	(0)	(0)	(1)	(10)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(10)	(10)	(10)	(10)	(9)
Cortex, Hyperplasia, Tubular Nephropathy	1 [3.0]					
Regeneration, Diffuse		10 [1.1]	10 [1.1]	10 [1.9]	10 [2.2]	9 [3.2]
Renal Tubule, Mineralization, Diffuse		1 [1.0]	10 [1.3]	10 [2.0]	10 [2.5]	9 [2.9]
Urinary Bladder	(10)	(0)	(0)	(0)	(1)	(9)

END OF MALE DATA

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

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F 344/N Rat FEMALE	0 MG/KG	80 MG/KG	160 MG/KG	315 MG/KG	625 MG/KG	1250 MG/KG
Disposition Summary						
Animals Initially In Study	10	10	10	10	10	10
Early Deaths						
Dosing Accident						1
Survivors						
Terminal Sacrifice	10	10	10	10	10	9
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Esophagus	(10)	(0)	(0)	(0)	(0)	(10)
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)	(2)	(0)	(1)	(0)	(10)
Hepatodiaphragmatic Nodule	1	2		1		
Inflammation, Chronic Active, Diffuse	1 [1.0]					
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Atrophy	1 [1.0]					
Salivary Glands	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(10)	(0)	(0)	(0)	(0)	(10)
Stomach, Glandular	(10)	(0)	(0)	(0)	(0)	(10)
CARDIOVASCULAR SYSTEM						
Blood Vessel	(10)	(0)	(0)	(0)	(0)	(10)
Heart	(10)	(10)	(10)	(10)	(10)	(10)
Myocardium, Degeneration, Chronic	3 [1.0]	6 [1.0]	7 [1.0]	9 [1.7]	9 [1.4]	9 [1.7]

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ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(10)	(10)	(10)	(10)	(10)
Vacuolization Cytoplasmic				8 [1.1]	10 [2.1]	9 [2.1]
Adrenal Medulla	(10)	(0)	(0)	(0)	(0)	(10)
Islets, Pancreatic	(10)	(0)	(0)	(0)	(0)	(10)
Parathyroid Gland	(9)	(0)	(0)	(0)	(0)	(6)
Pituitary Gland	(10)	(0)	(0)	(0)	(0)	(8)
Thyroid Gland	(10)	(0)	(0)	(0)	(0)	(10)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Clitoral Gland	(8)	(0)	(0)	(0)	(0)	(10)
Ovary	(10)	(10)	(10)	(10)	(10)	(10)
Atrophy		10 [1.0]	10 [2.0]	10 [2.0]	10 [3.5]	9 [4.0]
Periovarn Tiss, Cyst			1 [3.0]	1 [2.0]	1 [3.0]	
Uterus	(10)	(10)	(10)	(10)	(10)	(10)
Cervix, Hydrometra						1 [3.0]
Hydrometra	1 [2.0]	2 [1.0]	9 [1.8]	10 [3.0]	10 [2.9]	9 [2.9]
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Mandibular	(10)	(0)	(0)	(0)	(0)	(10)
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(10)
Spleen	(10)	(0)	(0)	(0)	(0)	(10)
Thymus	(10)	(0)	(0)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM						
Mammary Gland	(10)	(8)	(8)	(9)	(8)	(10)
Hyperplasia		5 [1.6]	8 [1.6]	9 [1.8]	8 [1.8]	9 [2.0]

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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)
Alveolus, Foreign Body						1
Alveolus, Inflammation, Chronic Active	2 [1.0]					1 [2.0]
Nose	(10)	(0)	(0)	(0)	(0)	(10)
Turbinate, Inflammation, Chronic Active	5 [1.0]					1 [2.0]
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Cortex, Hyperplasia, Tubular Nephropathy	1 [2.0] 3 [1.0]					
Regeneration, Diffuse		1 [1.0]	8 [1.0]	9 [1.0]	9 [1.0]	10 [1.1]
Renal Tubule, Mineralization, Diffuse	10 [1.2]	10 [1.0]	10 [1.7]	10 [1.5]	10 [1.3]	9 [1.3]
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(10)

**** END OF REPORT ****

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)