

Experiment Number: 99032-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

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

Test Compound: Pyrogallol
CAS Number: 87-66-1

Date Report Requested: 10/22/2014
Time Report Requested: 14:06:31
First Dose M/F: NA / NA
Lab: BAT

C Number:	C99032
Lock Date:	06/02/2004
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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F 344/N Rat MALE	0	MG/KG	9.5	MG/KG	18.75	MG/KG	37.5	MG/KG	75	MG/KG	150	MG/KG
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)	
Intestine Large, Cecum	(10)		(0)		(0)		(0)		(0)		(10)	
Parasite Metazoan	1 (10%)											
Intestine Large, Colon	(10)		(0)		(0)		(0)		(0)		(10)	
Parasite Metazoan	1 (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)		(0)		(0)		(0)		(0)		(10)	
Hematopoietic Cell Proliferation											1 (10%)	
Hepatodiaphragmatic Nodule	1 (10%)											
Infiltration Cellular, Mononuclear CI	9 (90%)										10 (100%)	
Pancreas	(10)		(0)		(0)		(0)		(0)		(10)	
Acinus, Atrophy											1 (10%)	
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)		(0)		(0)		(0)		(0)		(10)	
Cardiomyopathy	9 (90%)										9 (90%)	

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

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F 344/N Rat MALE	0	MG/KG	9.5	MG/KG	18.75	MG/KG	37.5	MG/KG	75	MG/KG	150	MG/KG
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	(10)		(0)		(0)		(0)		(0)		(9)	
Pituitary Gland	(10)		(0)		(0)		(0)		(0)		(10)	
Thyroid Gland	(10)		(0)		(0)		(0)		(0)		(10)	
Cyst											1 (10%)	
GENERAL BODY SYSTEM												
None												
GENITAL SYSTEM												
Epididymis	(10)		(0)		(0)		(0)		(0)		(10)	
Preputial Gland	(10)		(0)		(0)		(0)		(0)		(10)	
Inflammation	2 (20%)										2 (20%)	
Prostate	(10)		(0)		(0)		(0)		(0)		(10)	
Seminal Vesicle	(10)		(0)		(0)		(0)		(0)		(10)	
Testes	(10)		(0)		(0)		(0)		(0)		(10)	
HEMATOPOIETIC SYSTEM												
Bone Marrow	(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	(9)		(0)		(0)		(0)		(0)		(10)	
Skin	(10)		(10)		(10)		(10)		(10)		(10)	
SOA, Hyperkeratosis			10 (100%)		10 (100%)		10 (100%)		10 (100%)		10 (100%)	
SOA, Hyperplasia, Squamous	1 (10%)		10 (100%)		10 (100%)		10 (100%)		10 (100%)		10 (100%)	
SOA, Inflammation	1 (10%)											

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First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat MALE	0	MG/KG	9.5	MG/KG	18.75	MG/KG	37.5	MG/KG	75	MG/KG	150	MG/KG
SOA, Inflammation, Chronic Active			9 (90%)		9 (90%)		10 (100%)		10 (100%)		10 (100%)	
SOA, Ulcer											1 (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)	
Alveolar Epith, Hyperplasia											1 (10%)	
Inflammation	2 (20%)										3 (30%)	
Metaplasia, Osseous	1 (10%)											
Nose	(10)		(0)		(0)		(0)		(0)		(10)	
Trachea	(10)		(0)		(0)		(0)		(0)		(10)	
SPECIAL SENSES SYSTEM												
Eye	(10)		(0)		(0)		(0)		(0)		(10)	
Retina, Atrophy											1 (10%)	
Harderian Gland	(10)		(0)		(0)		(0)		(0)		(10)	
URINARY SYSTEM												
Kidney	(10)		(0)		(0)		(0)		(0)		(10)	
Mineralization	3 (30%)										2 (20%)	
Nephropathy	7 (70%)										9 (90%)	
Urinary Bladder	(10)		(0)		(0)		(0)		(0)		(10)	

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	9.5	MG/KG	18.75	MG/KG	37.5	MG/KG	75	MG/KG	150	MG/KG
Disposition Summary												
Animals Initially In Study	10		10		10		10		10		10	
Early Deaths												
Moribund Sacrifice	1											
Survivors												
Terminal Sacrifice	9		10		10		10		10		10	
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)		(0)		(2)		(0)		(2)		(10)	
Hepatodiaphragmatic Nodule					2 (100%)				2 (100%)		1 (10%)	
Infiltration Cellular, Mononuclear CI	7 (70%)										5 (50%)	
Inflammation	2 (20%)										2 (20%)	
Mesentery	(0)		(1)		(0)		(0)		(0)		(0)	
Inflammation, Chronic Active			1 (100%)									
Necrosis			1 (100%)									
Pancreas	(10)		(0)		(0)		(0)		(0)		(10)	
Acinus, Atrophy	1 (10%)											
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)	

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F 344/N Rat FEMALE	0	MG/KG	9.5	MG/KG	18.75	MG/KG	37.5	MG/KG	75	MG/KG	150	MG/KG
Heart	(10)		(0)		(0)		(0)		(0)		(10)	
Cardiomyopathy	7 (70%)										9 (90%)	
ENDOCRINE SYSTEM												
Adrenal Cortex	(10)		(0)		(0)		(0)		(0)		(10)	
Accessory Adrenal Cortical Nodule											1 (10%)	
Adrenal Medulla	(10)		(0)		(0)		(0)		(0)		(10)	
Islets, Pancreatic	(10)		(0)		(0)		(0)		(0)		(10)	
Parathyroid Gland	(10)		(0)		(0)		(0)		(0)		(9)	
Pituitary Gland	(10)		(0)		(0)		(0)		(0)		(10)	
Thyroid Gland	(10)		(0)		(0)		(0)		(0)		(10)	
GENERAL BODY SYSTEM												
None												
GENITAL SYSTEM												
Clitoral Gland	(10)		(0)		(0)		(0)		(0)		(9)	
Inflammation	1 (10%)										1 (11%)	
Ovary	(10)		(1)		(0)		(0)		(0)		(10)	
Cyst	1 (10%)		1 (100%)									
Uterus	(10)		(0)		(0)		(0)		(0)		(10)	
HEMATOPOIETIC SYSTEM												
Bone Marrow	(10)		(0)		(0)		(0)		(0)		(10)	
Inflammation											1 (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)		(0)		(0)		(0)		(0)		(10)	
Skin	(10)		(10)		(10)		(10)		(10)		(10)	
SOA, Hyperkeratosis			10 (100%)		10 (100%)		10 (100%)		10 (100%)		10 (100%)	

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	9.5	MG/KG	18.75	MG/KG	37.5	MG/KG	75	MG/KG	150	MG/KG
SOA, Hyperplasia, Squamous			10 (100%)		10 (100%)		10 (100%)		10 (100%)		10 (100%)	
SOA, Inflammation, Chronic Active			8 (80%)		10 (100%)		9 (90%)		10 (100%)		10 (100%)	
Skin, Control	(0)		(1)		(0)		(0)		(0)		(0)	
Dermis, Inflammation			1 (100%)									
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)	
Alveolar Epith, Hyperplasia	2 (20%)											
Alveolus, Infiltration Cellular, Histiocyte											2 (20%)	
Inflammation	2 (20%)										2 (20%)	
Nose	(10)		(0)		(0)		(0)		(0)		(10)	
Trachea	(10)		(0)		(0)		(0)		(0)		(10)	
SPECIAL SENSES SYSTEM												
Eye	(10)		(0)		(0)		(0)		(0)		(10)	
Harderian Gland	(10)		(0)		(0)		(0)		(0)		(10)	
Inflammation											1 (10%)	
URINARY SYSTEM												
Kidney	(10)		(0)		(0)		(0)		(0)		(10)	
Inflammation											1 (10%)	
Mineralization	4 (40%)										3 (30%)	
Nephropathy	1 (10%)										1 (10%)	
Urinary Bladder	(10)		(0)		(0)		(0)		(0)		(10)	

**** END OF REPORT ****

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