

Experiment Number: 99032 - 01

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

Date Report Requested: 09/19/2016

Test Type: 90-DAY

Pyrogallol

Time Report Requested: 11:26:21

Route: SKIN APPLICATION

CAS Number: 87-66-1

First Dose M/F: 11/03/03 / 11/04/03

Species/Strain: RATS/F 344/N

Lab: BAT

NTP Study Number: C99032
Lock Date: 06/02/2004
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

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Species/Strain: RATS/F 344/N

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FISCHER 344 RATS MALE	0 MG/KG	9.5 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG
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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					
Intestine Large, Colon	(10)	(0)	(0)	(0)	(0)	(10)
Parasite Metazoan	1					
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 [1.0]
Hepatodiaphragmatic Nodule	1 [1.0]					
Infiltration Cellular, Mononuclear Cell	9 [1.0]					10 [1.0]
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Acinus, 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)	(0)	(0)	(0)	(0)	(10)
Cardiomyopathy	9 [1.0]					9 [1.0]

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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Lab: BAT

FISCHER 344 RATS 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
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(10)	(0)	(0)	(0)	(0)	(10)
Preputial Gland	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation	2 [1.0]					2 [1.5]
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)

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FISCHER 344 RATS MALE	0 MG/KG	9.5 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG
Skin	(10)	(10)	(10)	(10)	(10)	(10)
Site Of Application, Hyperkeratosis		10 [1.1]	10 [1.3]	10 [1.7]	10 [2.2]	10 [2.0]
Site Of Application, Hyperplasia, Squamous	1 [1.0]	10 [1.0]	10 [1.0]	10 [1.0]	10 [1.5]	10 [1.4]
Site Of Application, Inflammation	1 [1.0]					
Site Of Application, Inflammation, Chronic Active		9 [1.1]	9 [1.2]	10 [1.0]	10 [1.8]	10 [1.9]
Site Of Application, Ulcer						1 [2.0]
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)
Inflammation	2 [1.0]					3 [1.0]
Metaplasia, Osseous	1 [1.0]					
Alveolar Epithelium, Hyperplasia						1 [4.0]
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 [2.0]
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
URINARY SYSTEM						

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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Species/Strain: RATS/F 344/N

Lab: BAT

FISCHER 344 RATS MALE	0 MG/KG	9.5 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG
Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Mineralization	3 [1.0]					2 [1.0]
Nephropathy	7 [1.0]					9 [1.0]
Urinary Bladder	(10)	(0)	(0)	(0)	(0)	(10)

*** END OF MALE ***

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

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Lab: BAT

FISCHER 344 RATS FEMALE	0 MG/KG	9.5 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG
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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 [1.0]		2 [1.0]	1 [1.0]
Infiltration Cellular, Mononuclear Cell	7 [1.0]					5 [1.0]
Inflammation	2 [1.5]					2 [2.0]
Mesentery	(0)	(1)	(0)	(0)	(0)	(0)
Inflammation, Chronic Active		1 [2.0]				
Necrosis		1 [2.0]				
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
Acinus, 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)	(0)	(0)	(0)	(0)	(10)

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FISCHER 344 RATS FEMALE	0 MG/KG	9.5 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG
Cardiomyopathy	7 [1.0]					9 [1.0]
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Accessory Adrenal Cortical Nodule						1 [1.0]
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 [1.0]					1 [1.0]
Ovary	(10)	(1)	(0)	(0)	(0)	(10)
Cyst	1	1 [1.0]				
Uterus	(10)	(0)	(0)	(0)	(0)	(10)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation						1 [2.0]
Lymph Node, Mesenteric	(10)	(0)	(0)	(0)	(0)	(10)
Spleen	(10)	(0)	(0)	(0)	(0)	(10)
Thymus	(10)	(0)	(0)	(0)	(0)	(10)

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FISCHER 344 RATS FEMALE	0 MG/KG	9.5 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG
INTEGUMENTARY SYSTEM						
Mammary Gland	(10)	(0)	(0)	(0)	(0)	(10)
Skin	(10)	(10)	(10)	(10)	(10)	(10)
Control Dermis, Inflammation		1 [1.0]				
Site Of Application, Hyperkeratosis		10 [1.0]	10 [1.4]	10 [1.4]	10 [1.9]	10 [2.1]
Site Of Application, Hyperplasia, Squamous		10 [1.0]	10 [1.0]	10 [1.0]	10 [1.3]	10 [1.1]
Site Of Application, Inflammation, Chronic Active		8 [1.0]	10 [1.5]	9 [1.8]	10 [2.0]	10 [1.8]
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)
Inflammation	2 [1.0]					2 [1.5]
Alveolar Epithelium, Hyperplasia	2 [2.0]					
Alveolus, Infiltration Cellular, Histiocyte						2 [1.0]
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 [1.0]

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FISCHER 344 RATS FEMALE	0 MG/KG	9.5 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Inflammation						1 [2.0]
Mineralization	4 [1.0]					3 [1.0]
Nephropathy	1 [1.0]					1 [1.0]
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)