

Experiment Number: 99032 - 03

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

Date Report Requested: 05/30/2012

Test Type: CHRONIC

Pyrogallol

Time Report Requested: 11:40:45

Route: SKIN APPLICATION

CAS Number: 87-66-1

First Dose M/F: 09/15/04 / 09/16/04

Species/Strain: RATS/F 344/N

Lab: BAT

F2_R2

NTP Study Number: C99032
Lock Date: 09/07/2007
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.6.0.0_007
PWG Approval Date: 12/19/2009

Test Type: CHRONIC

Pyrogallol

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Species/Strain: RATS/F 344/N

Lab: BAT

FISCHER 344 RATS MALE	0 MG/KG	5 MG/KG	20 MG/KG	75 MG/KG
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Disposition Summary

Animals Initially In Study	50	50	50	50
Early Deaths				
Moribund Sacrifice	17	14	15	17
Natural Death	10	8	7	5
Survivors				
Natural Death		2		
Terminal Sacrifice	23	26	28	28
Animals Examined Microscopically	50	50	50	50

ALIMENTARY SYSTEM

Esophagus	(50)	(50)	(50)	(50)
Periesophageal Tissue, Hemorrhage	1 [4.0]			
Periesophageal Tissue, Inflammation	1 [2.0]			
Intestine Large, Cecum	(49)	(50)	(50)	(50)
Inflammation		2 [2.5]		
Necrosis		1 [3.0]		
Thrombosis		1 [3.0]	1 [3.0]	
Intestine Large, Colon	(50)	(50)	(50)	(50)
Hyperplasia, Lymphoid		1 [3.0]		
Parasite Metazoan	2		1	6
Intestine Large, Rectum	(50)	(50)	(50)	(50)
Parasite Metazoan	4	5	3	4
Intestine Small, Duodenum	(50)	(50)	(50)	(50)
Inflammation			1 [4.0]	
Ulcer			1 [4.0]	
Intestine Small, Ileum	(50)	(50)	(50)	(50)
Inflammation			1 [2.0]	
Epithelium, Dysplasia	1 [2.0]			
Intestine Small, Jejunum	(50)	(50)	(50)	(50)
Inflammation				1 [2.0]
Peyer's Patch, Inflammation, Granulomatous		1 [1.0]		
Liver	(50)	(50)	(50)	(50)
Angiectasis	3 [2.0]	2 [2.0]		1 [2.0]

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	5 MG/KG	20 MG/KG	75 MG/KG
Basophilic Focus	8	8	11	8
Clear Cell Focus	18	17	21	21
Congestion, Acute	1 [2.0]			
Degeneration, Cystic	1 [2.0]	6 [1.5]	1 [2.0]	1 [1.0]
Eosinophilic Focus	3	2		2
Fatty Change	1 [2.0]	3 [2.3]	1 [3.0]	3 [3.0]
Hematopoietic Cell Proliferation				2 [1.0]
Hemorrhage			1 [3.0]	
Hepatodiaphragmatic Nodule	3	2	5	4
Inflammation	19 [1.0]	17 [1.1]	17 [1.1]	17 [1.1]
Mixed Cell Focus	8	6	6	5
Bile Duct, Cyst			1 [3.0]	
Bile Duct, Hyperplasia	28 [1.1]	24 [1.0]	27 [1.1]	26 [1.1]
Centrilobular, Fibrosis	1 [1.0]		1 [3.0]	
Hepatocyte, Atrophy		1 [2.0]	1 [4.0]	
Hepatocyte, Degeneration	1 [1.0]	1 [2.0]		
Hepatocyte, Necrosis	1 [3.0]	5 [2.2]	4 [1.3]	5 [1.8]
Hepatocyte, Regeneration	1 [2.0]		1 [3.0]	
Hepatocyte, Vacuolization Cytoplasmic	19 [1.2]	20 [1.2]	24 [1.2]	18 [1.1]
Kupffer Cell, Pigmentation				1 [1.0]
Portal, Fibrosis	3 [1.0]	6 [1.0]	9 [1.0]	6 [1.0]
Vein, Thrombosis		1 [4.0]		
Mesentery	(9)	(2)	(3)	(5)
Necrosis	7 [3.0]	2 [3.0]	3 [3.0]	4 [3.0]
Oral Mucosa	(2)	(1)	(4)	(3)
Gingival, Inflammation	2 [2.0]	1 [3.0]	2 [2.0]	3 [2.7]
Pharyngeal, Hyperplasia			2 [3.5]	
Pancreas	(50)	(50)	(50)	(50)
Acinus, Atrophy	28 [1.6]	31 [1.8]	28 [1.7]	31 [2.0]
Acinus, Hyperplasia	3 [1.3]	8 [1.8]	4 [2.0]	1 [3.0]
Duct, Cyst	5 [1.4]	4 [1.5]	3 [1.7]	4 [1.5]
Salivary Glands	(50)	(50)	(50)	(50)
Hyperplasia		1 [1.0]		
Inflammation			1 [4.0]	1 [1.0]
Duct, Cyst			1 [4.0]	
Stomach, Forestomach	(50)	(50)	(50)	(50)

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Lab: BAT

FISCHER 344 RATS MALE	0 MG/KG	5 MG/KG	20 MG/KG	75 MG/KG
Fibrosis	1 [3.0]			
Inflammation	2 [1.5]	1 [2.0]	1 [4.0]	5 [1.8]
Perforation		1		
Ulcer	4 [4.0]	6 [3.7]	7 [3.7]	4 [3.5]
Epithelium, Hyperplasia	2 [1.5]	2 [2.5]	4 [2.5]	6 [2.0]
Stomach, Glandular	(50)	(50)	(50)	(50)
Congestion		1 [4.0]		
Erosion	2 [2.0]	4 [2.8]		3 [2.0]
Inflammation		4 [1.3]		3 [1.0]
Ulcer			1 [2.0]	
Epithelium, Hyperplasia		2 [2.0]	1 [3.0]	
Glands, Cyst		1 [1.0]	1 [3.0]	
Tongue	(1)	(0)	(0)	(2)
Epithelium, Hyperplasia				1 [3.0]

CARDIOVASCULAR SYSTEM

Blood Vessel	(50)	(50)	(50)	(50)
Heart	(50)	(50)	(50)	(50)
Cardiomyopathy	46 [2.3]	45 [2.4]	46 [2.4]	47 [2.1]
Atrium, Thrombosis		2 [3.0]		1 [4.0]
Myocardium, Inflammation				1 [3.0]
Valve, Thrombosis				1 [4.0]
Ventricle, Thrombosis				2 [3.0]

ENDOCRINE SYSTEM

Adrenal Cortex	(50)	(50)	(50)	(50)
Atrophy				1 [4.0]
Degeneration, Cystic		1 [3.0]	1 [3.0]	
Hematopoietic Cell Proliferation			1 [1.0]	
Hemorrhage		1 [3.0]	1 [2.0]	
Hyperplasia	19 [1.2]	21 [1.4]	29 [1.5]	20 [1.5]
Hypertrophy	7 [1.9]	10 [1.5]	10 [1.3]	4 [2.3]
Mineralization				1 [1.0]

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Lab: BAT

FISCHER 344 RATS MALE	0 MG/KG	5 MG/KG	20 MG/KG	75 MG/KG
Necrosis			1 [4.0]	1 [4.0]
Vacuolization Cytoplasmic Capsule, Fibrosis, Focal	27 [1.6]	18 [1.5]	23 [1.5]	19 [1.4]
Adrenal Medulla	(50)	(50)	(50)	(50)
Angiectasis				1 [2.0]
Hemorrhage		1 [3.0]		1 [3.0]
Hyperplasia	16 [1.8]	18 [2.2]	20 [2.1]	18 [1.8]
Infiltration Cellular, Mononuclear Cell				1 [2.0]
Mineralization				1 [2.0]
Necrosis			1 [4.0]	
Islets, Pancreatic	(50)	(50)	(50)	(50)
Hyperplasia				1 [3.0]
Parathyroid Gland	(50)	(49)	(47)	(49)
Cyst		1 [3.0]		
Hyperplasia		3 [2.0]		
Pituitary Gland	(50)	(49)	(50)	(50)
Hemorrhage		1 [4.0]		2 [2.0]
Pigmentation, Hemosiderin				1 [2.0]
Pars Distalis, Atrophy	1 [3.0]			3 [4.0]
Pars Distalis, Cyst		2 [1.5]		4 [1.0]
Pars Distalis, Hyperplasia	11 [1.8]	10 [2.3]	12 [2.8]	13 [2.2]
Pars Intermedia, Hyperplasia		1 [1.0]	1 [1.0]	
Thyroid Gland	(50)	(50)	(50)	(50)
Cyst		1 [3.0]		
Inflammation				1 [1.0]
C-cell, Hyperplasia	18 [1.4]	19 [1.3]	21 [1.4]	18 [1.8]

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Coagulating Gland	(1)	(0)	(0)	(0)
Epididymis	(50)	(50)	(50)	(50)

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Lab: BAT

FISCHER 344 RATS MALE	0 MG/KG	5 MG/KG	20 MG/KG	75 MG/KG
Inflammation		1 [2.0]	2 [1.0]	
Penis	(0)	(0)	(1)	(0)
Congestion			1 [1.0]	
Preputial Gland	(50)	(50)	(50)	(50)
Inflammation	2 [1.5]	8 [2.4]	5 [1.2]	7 [1.7]
Duct, Hyperplasia, Squamous				1 [1.0]
Prostate	(50)	(50)	(50)	(50)
Inflammation	44 [1.6]	45 [2.2]	48 [2.4]	44 [1.9]
Epithelium, Hyperplasia	4 [1.0]	8 [1.5]	5 [1.0]	5 [1.4]
Epithelium, Metaplasia, Squamous			1 [2.0]	1 [1.0]
Seminal Vesicle	(50)	(50)	(50)	(50)
Inflammation		1 [3.0]		
Bilateral, Atrophy			1 [2.0]	
Testes	(50)	(50)	(50)	(50)
Cyst			2 [4.0]	1 [4.0]
Mineralization			2 [1.5]	
Arteriole, Inflammation		1 [2.0]		
Bilateral, Germinal Epithelium, Atrophy		3 [2.7]		1 [4.0]
Germinal Epithelium, Atrophy	5 [1.6]	4 [3.8]	7 [3.1]	9 [2.6]
Interstitial Cell, Hyperplasia	11 [1.2]	13 [1.4]	5 [2.0]	8 [1.5]

HEMATOPOIETIC SYSTEM

Bone Marrow	(50)	(50)	(50)	(50)
Hemorrhage		1 [3.0]		
Hyperplasia	10 [3.9]	11 [3.4]	11 [3.6]	9 [3.9]
Infiltration Cellular, Histiocyte				1 [1.0]
Myelofibrosis		1 [3.0]	1 [2.0]	
Lymph Node	(10)	(8)	(4)	(7)
Degeneration, Cystic			1 [2.0]	
Deep Cervical, Degeneration, Cystic		1 [3.0]		
Deep Cervical, Hemorrhage				2 [2.5]
Mediastinal, Degeneration, Cystic	2 [2.0]	1 [3.0]		
Mediastinal, Hemorrhage		2 [2.5]		
Mediastinal, Hyperplasia		1 [3.0]		

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Lab: BAT

FISCHER 344 RATS MALE	0 MG/KG	5 MG/KG	20 MG/KG	75 MG/KG
Mediastinal, Hyperplasia, Lymphoid		1 [2.0]		
Mediastinal, Hyperplasia, Plasma Cell	2 [2.5]	1 [2.0]	1 [3.0]	
Pancreatic, Degeneration, Cystic	1 [3.0]			
Lymph Node, Mesenteric	(50)	(50)	(50)	(50)
Degeneration, Cystic		4 [1.5]	1 [2.0]	5 [2.0]
Hemorrhage				2 [3.5]
Hyperplasia, Histiocytic			2 [1.5]	
Hyperplasia, Plasma Cell			1 [3.0]	
Infiltration Cellular, Histiocyte				1 [2.0]
Necrosis, Lymphoid		2 [2.5]		
Spleen	(50)	(50)	(50)	(50)
Congestion			1 [3.0]	
Hematopoietic Cell Proliferation				1 [2.0]
Hyperplasia, Lymphoid	3 [1.7]	3 [2.0]	1 [2.0]	2 [1.5]
Infarct	2 [3.5]	2 [2.5]	3 [3.7]	1 [3.0]
Necrosis, Lymphoid		1 [3.0]		
Necrosis, Focal		1 [3.0]		
Thrombosis				1 [3.0]
Capsule, Fibrosis		1 [2.0]		1 [2.0]
Capsule, Inflammation				1 [2.0]
Lymphoid Follicle, Atrophy		1 [3.0]	2 [2.0]	
Lymphoid Follicle, Depletion Cellular		1 [4.0]		
Thymus	(47)	(48)	(48)	(47)
Cyst			1 [2.0]	
Ectopic Parathyroid Gland				1 [1.0]
Fibrosis			1 [2.0]	
Epithelial Cell, Hyperplasia				1 [4.0]

INTEGUMENTARY SYSTEM

Mammary Gland	(50)	(49)	(50)	(50)
Inflammation		1 [1.0]		
Duct, Cyst	1 [3.0]			
Duct, Dilatation	1 [2.0]			
Skin	(50)	(50)	(50)	(50)

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Lab: BAT

FISCHER 344 RATS MALE	0 MG/KG	5 MG/KG	20 MG/KG	75 MG/KG
Abscess		1 [4.0]		
Fibrosis				1 [3.0]
Hyperkeratosis				1 [3.0]
Hyperplasia				2 [3.0]
Inflammation				1 [3.0]
Ulcer			1 [4.0]	1 [2.0]
Control, Hyperkeratosis				1 [2.0]
Control, Hyperplasia				1 [2.0]
Control, Inflammation				1 [1.0]
Control, Sebaceous Gland, Hyperplasia				1 [1.0]
Sebaceous Gland, Site Of Application, Hyperplasia			12 [1.0]	48 [1.1]
Site Of Application, Hyperkeratosis		2 [1.0]	21 [1.0]	48 [1.6]
Site Of Application, Hyperplasia		6 [1.0]	20 [1.0]	50 [1.2]
Site Of Application, Inflammation				46 [1.3]
Site Of Application, Ulcer				1 [1.0]

MUSCULOSKELETAL SYSTEM

Bone	(50)	(50)	(50)	(50)
Fibrosis				1 [1.0]
Hemorrhage		1 [3.0]		
Osteopetrosis				1 [3.0]
Epiphysis, Femur, Cyst		1 [2.0]		
Mandible, Cyst			1 [4.0]	

NERVOUS SYSTEM

Brain	(50)	(50)	(50)	(50)
Hemorrhage	3 [2.3]	4 [2.8]		2 [2.5]
Hydrocephalus	2 [1.5]	3 [1.7]	4 [1.8]	
Cerebrum, Inflammation				1 [1.0]

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Lab: BAT

FISCHER 344 RATS MALE	0 MG/KG	5 MG/KG	20 MG/KG	75 MG/KG
RESPIRATORY SYSTEM				
Lung	(50)	(50)	(50)	(50)
Congestion	1 [3.0]		1 [2.0]	
Hemorrhage	1 [1.0]	3 [3.0]		
Hyperplasia			1 [3.0]	
Inflammation	6 [1.5]	12 [1.6]	13 [1.2]	8 [1.1]
Metaplasia, Squamous			1 [1.0]	
Pigmentation, Hemosiderin		1 [3.0]		
Thrombosis	2 [1.5]	1 [2.0]		
Alveolar Epithelium, Hyperplasia	9 [1.9]	7 [2.0]	10 [1.8]	6 [1.5]
Alveolus, Infiltration Cellular, Histiocyte	6 [1.3]	6 [1.5]	5 [1.4]	4 [1.3]
Bronchiole, Fibrosis			1 [3.0]	
Serosa, Hyperplasia	1 [1.0]			
Nose	(50)	(50)	(50)	(50)
Inflammation	21 [1.5]	28 [2.0]	21 [2.0]	18 [1.9]
Metaplasia, Squamous	1 [2.0]			
Polyp, Inflammatory		1 [4.0]		
Thrombosis		2 [2.5]		
Nasolacrimal Duct, Inflammation				1 [2.0]
Trachea	(50)	(50)	(50)	(50)
Infiltration Cellular, Mononuclear Cell		1 [1.0]		
Inflammation	1 [1.0]		2 [1.5]	
Metaplasia, Squamous			1 [1.0]	

SPECIAL SENSES SYSTEM

Eye	(50)	(50)	(50)	(50)
Cataract		2 [2.5]		1 [3.0]
Anterior Chamber, Inflammation	1 [2.0]			
Cornea, Inflammation	1 [4.0]			
Retina, Atrophy	1 [2.0]	3 [3.0]		1 [3.0]
Retina, Developmental Malformation			1	
Harderian Gland	(50)	(50)	(50)	(50)
Hyperplasia	1 [1.0]	1 [2.0]	2 [2.0]	

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Lab: BAT

FISCHER 344 RATS MALE	0 MG/KG	5 MG/KG	20 MG/KG	75 MG/KG
Inflammation Zymbal's Gland	1 [2.0] (1)	1 [3.0] (0)	1 [1.0] (0)	2 [2.0] (0)

URINARY SYSTEM

Kidney	(50)	(50)	(50)	(50)
Cyst, Multiple				1 [3.0]
Hyperplasia, Tubular			2 [1.0]	3 [2.0]
Inflammation	1 [1.0]	1 [2.0]		2 [2.0]
Nephropathy	45 [2.0]	47 [2.3]	49 [2.2]	48 [2.3]
Thrombosis			1 [1.0]	
Pelvis, Calculus Micro Observation Only				1 [2.0]
Transitional Epithelium, Hyperplasia				1 [3.0]
Urethra	(0)	(0)	(0)	(1)
Bulbourethral Gland, Hyperplasia				1 [4.0]
Urinary Bladder	(50)	(50)	(50)	(50)
Hemorrhage				1 [1.0]
Inflammation		1 [3.0]		
Transitional Epithelium, Hyperplasia			1 [1.0]	1 [1.0]

*** END OF MALE ***

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Lab: BAT

FISCHER 344 RATS FEMALE

0 MG/KG

5 MG/KG

20 MG/KG

75 MG/KG

Disposition Summary

	0 MG/KG	5 MG/KG	20 MG/KG	75 MG/KG
Animals Initially In Study	50	50	50	50
Early Deaths				
Accidentally Killed		1		
Moribund Sacrifice	12	7	18	9
Natural Death	9	9	6	10
Survivors				
Natural Death			1	
Terminal Sacrifice	29	33	25	31
Animals Examined Microscopically	50	50	50	50

ALIMENTARY SYSTEM

Esophagus	(50)	(50)	(50)	(50)
Intestine Large, Cecum	(50)	(50)	(50)	(50)
Erosion	1 [1.0]			
Inflammation	1 [2.0]		1 [4.0]	2 [1.0]
Thrombosis			1 [2.0]	
Ulcer	1 [4.0]	1 [2.0]	1 [2.0]	
Intestine Large, Colon	(50)	(50)	(50)	(50)
Inflammation	1 [1.0]			
Parasite Metazoan	2	5	2	1
Intestine Large, Rectum	(50)	(50)	(50)	(50)
Parasite Metazoan	3	8	5	5
Intestine Small, Duodenum	(50)	(50)	(50)	(50)
Parasite Metazoan	1			
Intestine Small, Ileum	(50)	(50)	(50)	(50)
Inflammation		1 [2.0]	1 [1.0]	
Parasite Metazoan			1	
Intestine Small, Jejunum	(50)	(50)	(50)	(50)
Peyer's Patch, Hyperplasia	1 [2.0]			
Serosa, Fibrosis	1 [1.0]			
Liver	(50)	(50)	(50)	(50)
Angiectasis	1 [1.0]	2 [2.0]		3 [2.7]
Atypia Cellular, Focal			1 [1.0]	

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Lab: BAT

FISCHER 344 RATS FEMALE	0 MG/KG	5 MG/KG	20 MG/KG	75 MG/KG
Basophilic Focus	31	34	28	34
Clear Cell Focus	9	1	2	4
Congestion, Diffuse				1 [3.0]
Degeneration, Cystic		1 [1.0]	1 [1.0]	
Eosinophilic Focus	2	4	2	1
Fatty Change	4 [2.5]	1 [3.0]	6 [2.3]	4 [2.5]
Hematopoietic Cell Proliferation		1 [1.0]		
Hemorrhage			1 [1.0]	1 [1.0]
Hepatodiaphragmatic Nodule	1	6	3	7
Inflammation	23 [1.1]	26 [1.2]	10 [1.1]	16 [1.1]
Mixed Cell Focus	5	5	3	4
Bile Duct, Hyperplasia	10 [1.0]	7 [1.0]	7 [1.0]	7 [1.0]
Hepatocyte, Hypertrophy		1 [2.0]		
Hepatocyte, Necrosis	1 [1.0]	1 [1.0]	3 [2.0]	
Hepatocyte, Regeneration			1 [3.0]	1 [1.0]
Hepatocyte, Vacuolization Cytoplasmic	12 [1.3]	15 [1.1]	8 [1.1]	6 [1.2]
Hepatocyte, Midzonal, Degeneration	1 [1.0]			
Portal, Fibrosis	4 [1.0]	1 [1.0]	3 [1.0]	1 [1.0]
Serosa, Fibrosis				1 [2.0]
Mesentery	(8)	(11)	(13)	(10)
Necrosis	6 [3.0]	11 [3.0]	13 [3.0]	10 [3.0]
Oral Mucosa	(2)	(2)	(0)	(0)
Gingival, Cyst	1 [3.0]	1 [4.0]		
Gingival, Inflammation	1 [4.0]	1 [4.0]		
Pancreas	(50)	(50)	(50)	(50)
Basophilic Focus		1		
Acinus, Atrophy	16 [1.4]	13 [2.0]	17 [1.7]	15 [1.5]
Acinus, Hyperplasia	3 [2.0]	8 [1.6]	1 [3.0]	5 [2.0]
Duct, Cyst	4 [2.0]	2 [1.5]	2 [3.0]	2 [2.5]
Salivary Glands	(50)	(50)	(50)	(50)
Hyperplasia			1 [1.0]	
Inflammation			1 [2.0]	
Mineralization			1 [1.0]	
Stomach, Forestomach	(50)	(50)	(50)	(50)
Inflammation	1 [1.0]		2 [1.0]	3 [1.7]
Ulcer	5 [3.2]	3 [4.0]	7 [3.7]	3 [4.0]

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)

Test Type: CHRONIC

Pyrogallol

Time Report Requested: 11:40:45

Route: SKIN APPLICATION

CAS Number: 87-66-1

First Dose M/F: 09/15/04 / 09/16/04

Species/Strain: RATS/F 344/N

Lab: BAT

FISCHER 344 RATS FEMALE	0 MG/KG	5 MG/KG	20 MG/KG	75 MG/KG
Epithelium, Hyperplasia	3 [2.0]		1 [2.0]	3 [2.3]
Stomach, Glandular	(50)	(50)	(50)	(50)
Erosion	1 [3.0]	1 [3.0]	1 [3.0]	
Inflammation	2 [1.5]		1 [4.0]	2 [1.0]
Ulcer			1 [4.0]	
Epithelium, Cyst				1 [1.0]

CARDIOVASCULAR SYSTEM

Blood Vessel	(50)	(50)	(50)	(50)
Thrombosis			1 [4.0]	
Heart	(50)	(50)	(50)	(50)
Cardiomyopathy	44 [2.0]	45 [1.7]	46 [2.1]	45 [1.4]
Inflammation	1 [1.0]			
Atrium, Thrombosis	1 [3.0]	1 [4.0]	1 [4.0]	
Myocardium, Inflammation		1 [1.0]		

ENDOCRINE SYSTEM

Adrenal Cortex	(50)	(50)	(50)	(50)
Angiectasis			1 [2.0]	
Atrophy			1 [3.0]	1 [2.0]
Atypia Cellular			1 [1.0]	
Degeneration, Cystic	8 [2.1]	4 [2.5]	4 [2.3]	2 [2.0]
Hematopoietic Cell Proliferation	1 [2.0]			1 [2.0]
Hemorrhage				2 [2.5]
Hyperplasia	29 [1.6]	24 [1.5]	26 [1.6]	29 [1.8]
Hypertrophy	17 [1.2]	15 [1.5]	24 [1.5]	21 [1.4]
Necrosis			1 [3.0]	
Thrombosis			1 [1.0]	
Vacuolization Cytoplasmic	14 [1.6]	13 [1.5]	13 [1.3]	18 [1.8]
Adrenal Medulla	(50)	(50)	(50)	(50)
Hyperplasia	5 [1.4]	1 [1.0]	6 [1.2]	4 [1.3]
Infiltration Cellular, Mononuclear Cell				1 [2.0]
Islets, Pancreatic	(50)	(50)	(50)	(50)

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Test Type: CHRONIC

Pyrogallol

Time Report Requested: 11:40:45

Route: SKIN APPLICATION

CAS Number: 87-66-1

First Dose M/F: 09/15/04 / 09/16/04

Species/Strain: RATS/F 344/N

Lab: BAT

FISCHER 344 RATS FEMALE	0 MG/KG	5 MG/KG	20 MG/KG	75 MG/KG
Parathyroid Gland	(49)	(49)	(50)	(49)
Hyperplasia			2 [2.0]	
Pituitary Gland	(50)	(50)	(50)	(50)
Angiectasis			1 [2.0]	
Cyst			1 [3.0]	1 [3.0]
Hemorrhage	1 [3.0]			2 [3.0]
Pars Distalis, Cyst	4 [3.8]	8 [3.1]	7 [3.0]	7 [3.3]
Pars Distalis, Hyperplasia	19 [2.4]	16 [2.6]	17 [2.4]	19 [2.9]
Pars Distalis, Inflammation		1 [1.0]		
Thyroid Gland	(50)	(50)	(50)	(50)
Cyst				1 [3.0]
C-cell, Hyperplasia	22 [1.5]	31 [1.4]	23 [1.5]	31 [1.7]
Follicle, Cyst		1 [2.0]		
Follicular Cell, Hyperplasia				1 [1.0]

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Clitoral Gland	(50)	(50)	(50)	(50)
Atrophy			1 [3.0]	
Fibrosis			1 [3.0]	
Hyperplasia	3 [3.0]	1 [3.0]	4 [2.8]	1 [4.0]
Inflammation	3 [2.0]	4 [2.3]	6 [2.2]	6 [2.2]
Duct, Dilatation	1 [4.0]		2 [3.0]	
Ovary	(50)	(50)	(50)	(50)
Cyst	3 [2.3]	3 [3.0]	6 [2.5]	1 [3.0]
Uterus	(50)	(50)	(50)	(50)
Hemorrhage		1 [4.0]		
Hyperplasia, Adenomatous				1 [4.0]
Inflammation	3 [2.3]			1 [4.0]
Cervix, Fibrosis	1 [4.0]			
Endometrium, Cyst			1 [3.0]	

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Test Type: CHRONIC

Pyrogallol

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Route: SKIN APPLICATION

CAS Number: 87-66-1

First Dose M/F: 09/15/04 / 09/16/04

Species/Strain: RATS/F 344/N

Lab: BAT

FISCHER 344 RATS FEMALE	0 MG/KG	5 MG/KG	20 MG/KG	75 MG/KG
Endometrium, Edema			1 [4.0]	
Endometrium, Hyperplasia, Cystic	5 [1.8]	5 [2.0]	4 [1.8]	
Vagina	(0)	(1)	(0)	(0)
Inflammation		1 [4.0]		

HEMATOPOIETIC SYSTEM

Bone Marrow	(50)	(50)	(50)	(50)
Fibrosis	1 [2.0]			
Hyperplasia	10 [3.1]	6 [3.8]	10 [4.0]	10 [3.8]
Myelofibrosis			2 [2.5]	1 [3.0]
Lymph Node	(3)	(2)	(4)	(2)
Hemorrhage			1 [3.0]	
Deep Cervical, Hyperplasia, Plasma Cell	1 [3.0]			
Mediastinal, Congestion		1 [3.0]		
Mediastinal, Hemorrhage	2 [3.0]		1 [3.0]	
Mediastinal, Hyperplasia, Plasma Cell	1 [2.0]	1 [3.0]	1 [2.0]	
Pancreatic, Hemorrhage			1 [4.0]	
Lymph Node, Mesenteric	(50)	(50)	(50)	(50)
Degeneration, Cystic	3 [2.0]			1 [2.0]
Hyperplasia, Lymphoid				1 [3.0]
Hyperplasia, Plasma Cell			1 [2.0]	1 [2.0]
Infiltration Cellular, Histiocyte		1 [3.0]		
Inflammation		2 [1.5]		
Spleen	(50)	(50)	(50)	(50)
Accessory Spleen			1	1
Hematopoietic Cell Proliferation		3 [2.3]	1 [3.0]	
Hyperplasia, Lymphoid		1 [3.0]	1 [3.0]	2 [2.5]
Infarct		2 [3.0]	4 [3.0]	1 [4.0]
Pigmentation, Hemosiderin		1 [2.0]		1 [2.0]
Capsule, Hyperplasia			1 [1.0]	
Capsule, Inflammation			1 [1.0]	
Lymphoid Follicle, Atrophy		1 [2.0]	1 [2.0]	1 [2.0]
Thymus	(50)	(50)	(49)	(50)
Cyst				1 [3.0]

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)

Test Type: CHRONIC

Pyrogallol

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Route: SKIN APPLICATION

CAS Number: 87-66-1

First Dose M/F: 09/15/04 / 09/16/04

Species/Strain: RATS/F 344/N

Lab: BAT

FISCHER 344 RATS FEMALE	0 MG/KG	5 MG/KG	20 MG/KG	75 MG/KG
INTEGUMENTARY SYSTEM				
Mammary Gland	(50)	(50)	(50)	(50)
Inflammation	1 [3.0]	4 [2.3]		1 [1.0]
Duct, Cyst	1 [4.0]	1 [4.0]	1 [3.0]	5 [3.4]
Duct, Hyperplasia, Cystic	1 [3.0]			
Skin	(50)	(50)	(50)	(50)
Hyperkeratosis		2 [1.0]		
Hyperplasia				1 [4.0]
Ulcer				1 [4.0]
Control, Hyperplasia			1 [1.0]	
Control, Inflammation			1 [1.0]	
Sebaceous Gland, Site Of Application, Hyperplasia			5 [1.0]	41 [1.7]
Site Of Application, Hyperkeratosis		6 [1.0]	23 [1.0]	49 [1.8]
Site Of Application, Hyperplasia		9 [1.0]	11 [1.0]	49 [1.1]
Site Of Application, Inflammation		3 [1.0]	6 [1.0]	49 [1.4]

MUSCULOSKELETAL SYSTEM

Bone	(50)	(50)	(50)	(50)
Osteopetrosis			1 [4.0]	
Osteosclerosis	1 [2.0]			
Fibula, Tibia, Fracture	1 [4.0]			
Skeletal Muscle	(0)	(0)	(2)	(0)

NERVOUS SYSTEM

Brain	(50)	(50)	(50)	(50)
Hemorrhage	1 [3.0]	1 [3.0]		1 [3.0]
Hydrocephalus	1 [2.0]	3 [1.7]	3 [1.7]	3 [2.0]
Thrombosis			1 [2.0]	
Cerebellum, Gliosis	1 [1.0]			

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Test Type: CHRONIC

Pyrogallol

Time Report Requested: 11:40:45

Route: SKIN APPLICATION

CAS Number: 87-66-1

First Dose M/F: 09/15/04 / 09/16/04

Species/Strain: RATS/F 344/N

Lab: BAT

FISCHER 344 RATS FEMALE	0 MG/KG	5 MG/KG	20 MG/KG	75 MG/KG
Cerebrum, Necrosis	1 [3.0]			
Peripheral Nerve	(0)	(0)	(1)	(0)
Spinal Cord	(0)	(0)	(1)	(0)

RESPIRATORY SYSTEM

Larynx	(0)	(1)	(0)	(0)
Foreign Body		1		
Inflammation		1 [2.0]		
Lung	(50)	(50)	(50)	(50)
Congestion		1 [4.0]	1 [3.0]	1 [2.0]
Fibrosis	2 [1.0]			
Hemorrhage		2 [3.0]		
Inflammation	8 [1.3]	9 [1.0]	2 [1.0]	10 [1.1]
Thrombosis	1 [1.0]			
Alveolar Epithelium, Hyperplasia	6 [2.0]	11 [2.3]	5 [1.8]	12 [2.3]
Alveolus, Infiltration Cellular, Histiocyte	2 [2.0]	3 [1.0]	2 [1.5]	6 [1.5]
Alveolus, Pigmentation, Hemoglobin				1 [1.0]
Bronchiole, Hyperplasia				1 [2.0]
Serosa, Fibrosis		1 [1.0]		
Nose	(50)	(50)	(50)	(50)
Inflammation	11 [1.7]	10 [2.3]	12 [2.2]	8 [2.0]
Metaplasia, Squamous	1 [1.0]	1 [1.0]		
Thrombosis	1 [3.0]	1 [3.0]	1 [3.0]	
Goblet Cell, Hyperplasia	2 [1.5]	2 [1.5]		
Nasolacrimal Duct, Inflammation		1 [3.0]		
Nasolacrimal Duct, Squamous Epithelium, Hyperplasia	1 [3.0]			
Nasopharyngeal Duct, Inflammation			2 [2.5]	
Olfactory Epithelium, Hyperplasia			1 [2.0]	
Respiratory Epithelium, Necrosis		1 [2.0]		
Squamous Epithelium, Necrosis		1 [1.0]		
Vomeronasal Organ, Necrosis		1 [3.0]		
Trachea	(50)	(50)	(50)	(50)
Infiltration Cellular, Mononuclear Cell	1 [1.0]			

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Test Type: CHRONIC

Pyrogallol

Time Report Requested: 11:40:45

Route: SKIN APPLICATION

CAS Number: 87-66-1

First Dose M/F: 09/15/04 / 09/16/04

Species/Strain: RATS/F 344/N

Lab: BAT

FISCHER 344 RATS FEMALE	0 MG/KG	5 MG/KG	20 MG/KG	75 MG/KG
Inflammation	1 [1.0]		1 [1.0]	

SPECIAL SENSES SYSTEM

Eye	(50)	(50)	(50)	(50)
Cataract	3 [3.0]	4 [3.5]	1 [4.0]	1 [3.0]
Synechia	1 [3.0]	1 [2.0]		
Anterior Chamber, Exudate				1 [3.0]
Bilateral, Retina, Atrophy		1 [4.0]		
Optic Nerve, Atrophy	1 [3.0]		1 [4.0]	
Posterior Chamber, Exudate				1 [3.0]
Retina, Atrophy	3 [4.0]	3 [3.3]	2 [3.0]	
Retina, Developmental Malformation	1 [1.0]			
Retina, Dysplasia		1 [2.0]		1 [3.0]
Harderian Gland	(50)	(50)	(50)	(50)
Hyperplasia	1 [1.0]	2 [2.0]	4 [2.8]	3 [2.3]
Inflammation	2 [1.0]	4 [1.5]		4 [1.5]
Metaplasia, Squamous	1 [1.0]			
Pigmentation, Porphyrin		3 [2.0]	6 [1.8]	1 [3.0]

URINARY SYSTEM

Kidney	(50)	(50)	(50)	(50)
Accumulation, Hyaline Droplet		2 [2.0]		
Atrophy			1 [3.0]	
Cyst		1 [2.0]	1 [1.0]	
Hypertrophy			1 [2.0]	
Infiltration Cellular, Lipocyte		1 [4.0]		
Inflammation	1 [1.0]		3 [2.7]	
Nephropathy	46 [1.5]	42 [1.7]	42 [1.6]	44 [1.6]
Papilla, Necrosis			1 [3.0]	
Transitional Epithelium, Hyperplasia			1 [2.0]	
Urinary Bladder	(50)	(50)	(50)	(49)
Transitional Epithelium, Hyperplasia		1 [1.0]	1 [1.0]	

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Experiment Number: 99032 - 03

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

Date Report Requested: 05/30/2012

Test Type: CHRONIC

Pyrogallol

Time Report Requested: 11:40:45

Route: SKIN APPLICATION

CAS Number: 87-66-1

First Dose M/F: 09/15/04 / 09/16/04

Species/Strain: RATS/F 344/N

Lab: BAT

FISCHER 344 RATS FEMALE

0 MG/KG

5 MG/KG

20 MG/KG

75 MG/KG

*** 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)