

Experiment Number: 99032 - 03
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Pyrogallol
CAS Number: 87-66-1

Date Report Requested: 05/30/2012
Time Report Requested: 11:40:45
First Dose M/F: 09/15/04 / 09/16/04
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

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| FISCHER 344 RATS MALE 0 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | males (cont...) | |
|---------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0 7 2 7 | 0 7 2 8 | 0 7 2 7 | 0 7 2 8 | 0 7 2 8 | 0 5 8 4 | 0 7 2 7 | 0 7 2 7 | 0 6 4 5 | 0 5 5 3 | 0 7 2 7 | 0 5 2 9 | 0 7 2 8 | 0 6 4 4 | 0 6 6 4 | 0 6 8 1 | 0 7 0 2 | 0 6 0 3 | 0 7 1 7 | 0 5 2 2 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 5 0 7 | 0 7 0 2 | | |
| ANIMAL ID | 0 0 0 0 1 | 0 0 0 0 2 | 0 0 0 0 3 | 0 0 0 0 4 | 0 0 0 0 5 | 0 0 0 0 6 | 0 0 0 0 7 | 0 0 0 0 8 | 0 0 0 0 9 | 0 0 0 0 0 | 0 0 0 0 1 | 0 0 0 0 1 | 0 0 0 0 1 | 0 0 0 0 1 | 0 0 0 0 1 | 0 0 0 0 1 | 0 0 0 0 1 | 0 0 0 0 1 | 0 0 0 0 1 | 0 0 0 0 1 | 0 0 0 0 2 | 0 0 0 0 2 | 0 0 0 0 2 | 0 0 0 0 2 | 0 0 0 0 3 | 0 0 0 0 4 | 0 0 0 0 5 |
| Inflammation | | 1 | | 1 | 1 | | 1 | 1 | | 1 | 1 | | | | 1 | | | 1 | | | 1 | | | | | | |
| Mixed Cell Focus | | | | X | X | | | | | | | | | | X | | | | | | X | | | | | | |
| Bile Duct, Hyperplasia | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | | 1 | 1 | | | 1 | | | 1 | 1 | 2 | | 1 | 1 | 1 | | | 1 | |
| Centrilobular, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Regeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | 1 | 2 | | | | 1 | 1 | | | | | 1 | | | | 1 | 1 | | | 1 | | |
| Portal, Fibrosis | | | | | | | | | | | | | | | | | | | | | 1 | | | | 1 | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gingival, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acinus, Atrophy | 3 | | | | 2 | 2 | 2 | | 1 | 2 | 1 | | | 1 | | 1 | 2 | | 1 | | | | 1 | 1 | | 1 | |
| Acinus, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | | | |
| Duct, Cyst | | | | | 1 | | | | | 1 | | | | | | | | | | | | | | | | | |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | 2 | 1 | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

| FISCHER 344 RATS MALE 0 MG/KG | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | males (cont...) | | | | | |
|--------------------------------------|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | 0 7 2 7 | 0 7 2 8 | 0 7 2 7 | 0 7 2 8 | 0 7 2 8 | 0 5 2 4 | 0 7 2 7 | 0 7 2 7 | 0 6 4 5 | 0 5 5 3 | 0 7 2 7 | 0 5 9 8 | 0 7 2 7 | 0 6 4 4 | 0 6 9 4 | 0 6 8 1 | 0 7 0 2 | 0 6 0 3 | 0 7 1 7 | 0 5 2 2 | | 0 7 2 8 | 0 7 2 8 | 0 5 2 8 | 0 7 0 7 | 0 5 2 7 |
| ANIMAL ID | | 0 0 0 0 1 | 0 0 0 0 2 | 0 0 0 0 3 | 0 0 0 0 4 | 0 0 0 0 5 | 0 0 0 0 6 | 0 0 0 0 7 | 0 0 0 0 8 | 0 0 0 0 9 | 0 0 0 0 0 | 0 0 0 0 1 | 0 0 0 0 1 | 0 0 0 0 1 | 0 0 0 0 1 | 0 0 0 0 1 | 0 0 0 0 1 | 0 0 0 0 1 | 0 0 0 0 1 | 0 0 0 0 2 | 0 0 0 0 2 | 0 0 0 0 2 | 0 0 0 0 2 | 0 0 0 0 2 | 0 0 0 0 2 | 0 0 0 0 2 | 0 0 0 0 2 |

Erosion

2

Tongue

+

CARDIOVASCULAR SYSTEM

Blood Vessel

+ +

Heart

+ +

 Cardiomyopathy

3 2 3 3 2 2 3 2 3 3 2 2 2 3 2 3 3 3 4 2 2 2 1 2

ENDOCRINE SYSTEM

Adrenal Cortex

+ +

 Hyperplasia

1 2 1 1 2 1 1 1 1 2 1 2

 Hypertrophy

2 2 1 3 1 3

 Vacuolization Cytoplasmic

 1 2 1 2 1 2 1 2 2 2 2 1

Adrenal Medulla

+ +

 Hyperplasia

 2 2 2 2 3 1 3 1

Islets, Pancreatic

+ +

Parathyroid Gland

+ +

Pituitary Gland

+ +

 Pars Distalis, Atrophy

 Pars Distalis, Hyperplasia

 1 3 2 1 2 1 2

Thyroid Gland

+ +

 C-cell, Hyperplasia

1 1 2 1 1 2 1

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|------------------------------|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------------|
| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | |
| FISCHER 344 RATS MALE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| 0 MG/KG | | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 5 | 7 | 5 | 7 | 6 | 6 | 6 | 7 | 6 | 7 | 5 | 7 | 7 | 5 | 7 | | |
| | | 2 | 2 | 2 | 2 | 2 | 8 | 2 | 2 | 4 | 5 | 2 | 9 | 2 | 4 | 9 | 8 | 0 | 0 | 1 | 3 | 2 | 2 | 2 | 0 | 2 | |
| | | 7 | 8 | 7 | 8 | 8 | 4 | 7 | 7 | 5 | 3 | 7 | 8 | 7 | 4 | 4 | 1 | 2 | 3 | 7 | 2 | 8 | 8 | 8 | 7 | 7 | |
| | | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | males (cont...) |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Coagulating Gland

Epididymis +

Preputial Gland Inflammation + 1

Prostate Inflammation Epithelium, Hyperplasia + 2 1 1 2 2 1 1 2 2 1 2 2 2 2 2 3 1 1 2 1 1

Seminal Vesicle +

Testes Germinal Epithelium, Atrophy Interstitial Cell, Hyperplasia + 1 1 1 1 1 1

HEMATOPOIETIC SYSTEM

Bone Marrow Hyperplasia + 3 4 4 4 4

Lymph Node Mediastinal, Degeneration, Cystic Mediastinal, Hyperplasia, Plasma Cell + 2 2 2

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
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| FISCHER 344 RATS MALE 0 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males (cont...) |
|----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|-----------------------|--------------------|
| | 0 7 2 7 | 0 7 2 8 | 0 7 2 7 | 0 7 2 8 | 0 7 2 8 | 0 5 8 4 | 0 7 2 7 | 0 7 2 7 | 0 6 4 5 | 0 5 5 3 | 0 7 2 7 | 0 5 9 8 | 0 6 4 4 | 0 6 9 8 | 0 6 8 1 | 0 7 0 2 | 0 6 0 3 | 0 7 1 7 | 0 5 2 2 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 5 2 2 | 0 7 0 7 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 0 0 0 1 | |

Pancreatic, Degeneration, Cystic

3

Lymph Node, Mandibular

M M

Lymph Node, Mesenteric

+ +

Spleen
Hyperplasia, Lymphoid
Infarct

+
2
4

Thymus

+ + + + + + + + + + + + + + M + + M + + + + + + +

INTEGUMENTARY SYSTEM

Mammary Gland
Duct, Cyst
Duct, Dilatation

+
2

Skin

+ +

MUSCULOSKELETAL SYSTEM

Bone

+ +

NERVOUS SYSTEM

Brain
Hemorrhage
Hydrocephalus

+
2
1

RESPIRATORY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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|----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|-----------------------|--------------------|
| | 0 7 2 7 | 0 7 2 8 | 0 7 2 7 | 0 7 2 8 | 0 7 2 8 | 0 5 2 4 | 0 7 2 7 | 0 7 2 7 | 0 6 4 5 | 0 5 5 3 | 0 7 2 7 | 0 5 9 8 | 0 7 2 4 | 0 6 6 4 | 0 6 6 1 | 0 7 0 2 | 0 6 0 3 | 0 7 1 7 | 0 5 2 2 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 5 2 0 | 0 7 0 7 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 0 0 0 1 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | 1 | | | | 2 | | | | | | 1 | | | | | | | | | | | | | | | 1 | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | 3 | | 1 | | | | | | | 2 | | | | | | | | 3 | | |
| Alveolus, Infiltration Cellular, Histiocyte | | | 1 | | | | | 2 | | | 1 | | | | | | | | | | | | | | | | |
| Serosa, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Inflammation | | | | 2 | | | 1 | 1 | 1 | 1 | | | | 1 | | | | | | | | 3 | 2 | | 1 | 1 | |
| Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Inflammation | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Anterior Chamber, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cornea, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Retina, Atrophy | | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Zymbal's Gland | | | | | | | | | | | | | | | | | | | | | | | | | | + |

URINARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
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|----------------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|-----------|--------------------|
| | 07 | 07 | 07 | 07 | 07 | 05 | 07 | 07 | 06 | 05 | 07 | 05 | 07 | 06 | 06 | 06 | 07 | 06 | 07 | 05 | 07 | 07 | 05 | 07 | | | |
| | 27 | 28 | 27 | 28 | 28 | 84 | 27 | 27 | 45 | 53 | 77 | 88 | 24 | 94 | 84 | 11 | 22 | 33 | 77 | 22 | 88 | 88 | 77 | 57 | | | |
| | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | | | |
| | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | | | |
| | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 02 | 02 | 02 | 02 | 02 | | | |
| | 12 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 00 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 00 | 11 | 22 | 33 | 44 | 55 | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Inflammation | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | 2 | 2 | 3 | 2 | 2 | 3 | 3 | 1 | | 2 | 1 | 2 | 3 | 3 | | 3 | 1 | 2 | 1 | 3 | 2 | 2 | | 3 | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |

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| FISCHER 344 RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-----------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | 0727 | 0615 | 0624 | 0647 | 0653 | 0672 | 0674 | 0676 | 0677 | 0678 | 0682 | 0683 | 0685 | 0687 | 0688 | 0690 | 0691 | 0692 | 0693 | 0694 | 0695 | 0696 | 0697 | 0698 | |
| 0 MG/KG | 00026 | 00027 | 00028 | 00029 | 00030 | 00031 | 00032 | 00033 | 00034 | 00035 | 00036 | 00037 | 00038 | 00039 | 00040 | 00041 | 00042 | 00043 | 00044 | 00045 | 00046 | 00047 | 00048 | 00049 | 00050 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Periesophageal Tissue, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Periesophageal Tissue, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Parasite Metazoan | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Parasite Metazoan | | | | X | | | | | | | | | | | | | | | | | | | | | 4 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Epithelium, Dysplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | | | 2.0 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Clear Cell Focus | X | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Congestion, Acute | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Eosinophilic Focus | X | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Severity | | | | | | | | | | | | | | | | | | | | | | | | | 2.0 |
| Hepatodiaphragmatic Nodule | | | | | | | | | | | | | | | | | | | | | | | | | 3 |

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Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| FISCHER 344 RATS MALE 0 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|-----|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | 7 | 6 | 6 | 6 | 6 | 5 | 4 | 7 | 6 | 6 | 6 | 7 | 5 | 0 | 7 | 7 | 7 | 6 | 5 | 7 | 7 | 5 | 7 | 7 | | 5 |
| ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | |
| Inflammation | | | | | | | 1 | 1 | | 1 | | | | 1 | | | 1 | | | 1 | 1 | 1 | | 19 | 1.0 | |
| Mixed Cell Focus | | | | | | | | | | | | X | | | | X | | | X | | | X | | 8 | | |
| Bile Duct, Hyperplasia | 1 | | | | 1 | | 1 | 1 | | | | | 1 | | | | 1 | 1 | | | 1 | 1 | | 1 | 28 | 1.1 |
| Centrilobular, Fibrosis | | | | | | | 1 | | | | | | | | | | | | | | | | | 1 | 1 | 1.0 |
| Hepatocyte, Degeneration | | | | | 1 | | | | | | | | | | | | | | | | | | | 1 | 1 | 1.0 |
| Hepatocyte, Necrosis | | | 3 | | | | | | | | | | | | | | | | | | | | | 1 | 3 | 3.0 |
| Hepatocyte, Regeneration | | | | 2 | | | | | | | | | | | | | | | | | | | | 1 | 2 | 2.0 |
| Hepatocyte, Vacuolization Cytoplasmic | 1 | | | | | | | 1 | | 1 | | 1 | | | 1 | 2 | 1 | | 1 | 1 | 1 | 2 | | 19 | 1.2 | |
| Portal, Fibrosis | | | | | | | 1 | | | | | | | | | | | | | | | | | 3 | 1.0 | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | 9 | |
| Necrosis | 3 | | + | | + | | + | | | + | | + | | | | | | | | | | + | | + | 7 | 3.0 |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Gingival, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2.0 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Acinus, Atrophy | 1 | | 1 | | 1 | 1 | 2 | | | 2 | 1 | | 1 | 3 | | | 2 | | | 1 | | | 3 | 1 | 28 | 1.6 |
| Acinus, Hyperplasia | | | | | | | 1 | | | | | | | | | | | | | | | | | 3 | 3 | 1.3 |
| Duct, Cyst | | | | | | | | 2 | | | | 1 | | | | 2 | | | | | | | | 5 | 5 | 1.4 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 3.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | 1 | | 2 | 2 | 1.5 |
| Ulcer | | | | | | | 4 | | | | 4 | | | | | | | 4 | | | | | | 4 | 4 | 4.0 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 1.5 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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Species/Strain: RATS/F 344/N

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| FISCHER 344 RATS MALE 0 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|---|---|--------|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| | 7 | 6 | 6 | 6 | 6 | 5 | 4 | 7 | 6 | 6 | 6 | 7 | 5 | 0 | 7 | 7 | 7 | 6 | 5 | 7 | 7 | | 5 | 7 | 7 | 5 | 7 |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Erosion | 2 | 1 | 2 | 4 | 7 | 2 | 4 | 2 | 7 | 5 | 4 | 2 | 5 | 1 | 2 | 2 | 2 | 0 | 8 | 2 | 2 | 2 | 2 | 2 | 7 | 0 | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tongue | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cardiomyopathy | 2 | 2 | 2 | 2 | 2 | 1 | | 3 | 1 | 3 | | 1 | 2 | | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 2 | 2 | 1 | 2 | 46 2.3 | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | 1 | | | | | | 1 | | 1 | | | | | 1 | 1 | | 1 | 1 | | | | | 19 1.2 | |
| Hypertrophy | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 7 1.9 | |
| Vacuolization Cytoplasmic | | | | 2 | | | 1 | 1 | | 1 | 2 | 3 | 1 | | | 1 | 2 | 1 | | 2 | 1 | | 1 | | 2 | 27 1.6 | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | | 2 | | 1 | 1 | 3 | | | | | | | | 1 | | | 3 | 1 | | | 1 | | 16 1.8 | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Pars Distalis, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | 3 | | 1 3.0 | |
| Pars Distalis, Hyperplasia | | | | 2 | | | | 2 | | | | 3 | | | | | | | | | | | | | 1 | 11 1.8 | |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| C-cell, Hyperplasia | | | | | 1 | | | 3 | 2 | | | 1 | 1 | | 1 | 1 | 1 | | | 1 | | | 1 | 3 | | 18 1.4 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
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|--------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|---|---|---|---|---|---|---|---|---|---|
| FISCHER 344 RATS MALE 0 MG/KG | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 7 | 6 | 6 | 6 | 6 | 5 | 4 | 7 | 6 | 6 | 6 | 7 | 5 | 0 | 7 | 7 | 7 | 6 | 5 | 7 | 7 | 5 | 7 | 7 | 5 | 7 | 7 | 5 | 7 | 7 | 5 | 7 | 7 | 5 | 7 | 7 | 5 | 7 | |
| | | 2 | 1 | 2 | 4 | 7 | 2 | 4 | 2 | 7 | 5 | 4 | 2 | 5 | 1 | 2 | 2 | 2 | 0 | 8 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 7 | 5 | 6 | 5 | 3 | 7 | 0 | 7 | 3 | 2 | 8 | 8 | 5 | 5 | 8 | 7 | 8 | 8 | 1 | 7 | 7 | 8 | 8 | 7 | 8 | 8 | 7 | 8 | 8 | 7 | 8 | 8 | 7 | 8 | 8 | 7 | 8 | 8 | 7 | 0 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 7 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Coagulating Gland

+

1

Epididymis

+ 50

Preputial Gland
Inflammation

+ 2 50 2 1.5

Prostate
Inflammation
Epithelium, Hyperplasia

+ 50
2 1 1 1 1 1 2 2 1 1 2 1 1 1 3 2 1 2 3 1 3 1 44 1.6
4 1.0

Seminal Vesicle

+ 50

Testes
Germinal Epithelium, Atrophy
Interstitial Cell, Hyperplasia

+ 50
3 2 5 1.6
2 1 2 1 1 11 1.2

HEMATOPOIETIC SYSTEM

Bone Marrow
Hyperplasia

+ 50
4 10 3.9

Lymph Node
Mediastinal, Degeneration, Cystic
Mediastinal, Hyperplasia, Plasma Cell

+ + + + + + + 10
3 2 2.0
2 2.5

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically M .. Missing tissue
 X .. Lesion present A .. Autolysis precludes evaluation
 I .. Insufficient tissue BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
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| FISCHER 344 RATS MALE 0 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | | | | | | | | | | |
|----------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----|-----|
| | 0727 | 0661 | 0662 | 0664 | 0667 | 0662 | 0664 | 0667 | 0663 | 0662 | 0668 | 0668 | 0665 | 0660 | 0667 | 0667 | 0667 | 0666 | 0665 | 0667 | | 0667 | 0665 | 0667 | 0667 | 0665 | 0667 | 0667 | 0665 | 0667 | | | | | | | | |
| ANIMAL ID | 00026 | 00007 | 00008 | 00009 | 00000 | 00001 | 00002 | 00003 | 00004 | 00005 | 00006 | 00007 | 00008 | 00009 | 00000 | 00001 | 00002 | 00003 | 00004 | 00005 | 00006 | 00007 | 00008 | 00009 | 00000 | 00001 | 00002 | 00003 | 00004 | 00005 | 00006 | 00007 | 00008 | 00009 | 00000 | | | |
| Pancreatic, Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Lymph Node, Mandibular | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hyperplasia, Lymphoid | | | | 2 | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1.7 | |
| Infarct | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.5 | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Duct, Cyst | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Duct, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Hemorrhage | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2.3 |
| Hydrocephalus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
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|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--------|
| | 0727 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | 0666 | | 0666 |
| ANIMAL ID | 00026 | 00027 | 00028 | 00029 | 00030 | 00031 | 00032 | 00033 | 00034 | 00035 | 00036 | 00037 | 00038 | 00039 | 00040 | 00041 | 00042 | 00043 | 00044 | 00045 | 00046 | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Congestion | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Hemorrhage | | | | | | | | | | | | | | | 1 | | | | | | | 1 1.0 |
| Inflammation | | | | | 1 | | 3 | | | | | | | | | | | | | | | 6 1.5 |
| Thrombosis | | | 1 | | | | | | | | | | | | | | | 2 | | | | 2 1.5 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | 2 | 1 | | | | | | 3 | | 1 | | 1 | 9 1.9 |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | 1 | | | | | | 2 | | 1 | | | 6 1.3 |
| Serosa, Hyperplasia | | | | | | | | | | | | | 1 | | | | | | | | | 1 1.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation | | | 1 | 1 | | | 1 | 1 | | 3 | 2 | 1 | | | 3 | | 1 | 2 | 1 | | | 21 1.5 |
| Metaplasia, Squamous | | | | | | | | | | | 2 | | | | | | | | | | | 1 2.0 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Anterior Chamber, Inflammation | | | | | | | | | | | | | | | | | 2 | | | | | 1 2.0 |
| Cornea, Inflammation | | | | | | | | | | | | | | | | | 4 | | | | | 1 4.0 |
| Retina, Atrophy | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Zymbal's Gland | | | | | | | | | | | | | | | | | | | | | | 1 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
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Date Report Requested: 05/30/2012
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 First Dose M/F: 09/15/04 / 09/16/04
 Lab: BAT

| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------------|---|
| FISCHER 344 RATS MALE 0 MG/KG | DAY ON TEST | 7 | 6 | 6 | 6 | 6 | 5 | 4 | 7 | 6 | 6 | 6 | 7 | 5 | 0 | 7 | 7 | 7 | 6 | 5 | 7 | 7 | 5 | 7 | 7 | 5 | |
| | | 2 | 1 | 2 | 4 | 7 | 2 | 4 | 2 | 7 | 5 | 4 | 2 | 5 | 1 | 2 | 2 | 2 | 0 | 8 | 2 | 2 | 2 | 2 | 2 | 7 | |
| | | 7 | 5 | 6 | 5 | 3 | 7 | 0 | 7 | 3 | 2 | 8 | 8 | 5 | 5 | 8 | 7 | 8 | 8 | 1 | 7 | 7 | 8 | 8 | 8 | 8 | 0 |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | * TOTALS | |
| Kidney | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Nephropathy | 4 | | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | | 2 | 2 | 1 | 2 | 1 | 3 | 3 | 1 | 1 | 1 | 2 | 1.0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 45 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 2.0 | |
| Urinary Bladder | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------------------------|
| FISCHER 344 RATS MALE | DAY ON TEST | 07 | 05 | 07 | 07 | 07 | 07 | 04 | 07 | 06 | 07 | 07 | 04 | 04 | 06 | 07 | 07 | 06 | 06 | 07 | 04 | 06 | 05 | 07 | 05 | 04 | males (cont...) |
| | 5 MG/KG | 27 | 53 | 27 | 28 | 28 | 27 | 27 | 28 | 22 | 27 | 27 | 69 | 49 | 08 | 22 | 22 | 25 | 09 | 28 | 88 | 19 | 59 | 27 | 84 | 52 | |
| | ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| | | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation | | | | | | | | | 3 | | | | | | | | 2 | | | | | | | | |
| Necrosis | | | | | | | | | 3 | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | 3 | | | | | | | | | | | | | | | | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parasite Metazoan | | | | | | | | X | | | X | | | | | | | | | | | | | X | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Peyer's Patch, Inflammation, Granulomatous | | | | | | | | | | | | | | | | | | | | | | | | | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | 2 | | | | | | | | | |
| Basophilic Focus | | | | | | | X | | | | X | X | | | | | | | | | | | | | |
| Clear Cell Focus | X | | | X | | | | | | | X | X | | | | | | | X | | | | | | |
| Degeneration, Cystic | | | | | | | 1 | | | | | | | | | 1 | | | | | | | | 3 | |
| Eosinophilic Focus | | | | | | | | | X | | | | | | | | | | | | | | | | |
| Fatty Change | | | | | | | | | | | | | | | | | | 3 | | | | | | | |
| Hepatodiaphragmatic Nodule | | | | | | | | | | | | | | | | | | | X | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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Experiment Number: 99032 - 03

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Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

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Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| FISCHER 344 RATS MALE 5 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males (cont...) |
|---------------------------------------|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|--------------------|
| | 07 27 | 05 53 | 07 27 | 07 28 | 07 78 | 07 77 | 04 77 | 07 68 | 06 72 | 07 77 | 07 49 | 04 44 | 04 49 | 06 68 | 07 72 | 07 72 | 06 65 | 06 69 | 07 78 | 04 48 | 06 69 | 05 59 | 07 77 | 05 54 | 04 45 | | |
| Inflammation | | 1 | | 1 | 1 | | | | | 2 | | | | | | | 1 | | 1 | | 1 | 1 | | | | | |
| Mixed Cell Focus | | | | | | | | X | | | | | | | | | X | | | | | | | | | | |
| Bile Duct, Hyperplasia | | 1 | | | 1 | 1 | 1 | | | 1 | 1 | | 1 | | 2 | | | | 1 | | 1 | 1 | | | 1 | | |
| Hepatocyte, Atrophy | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| Hepatocyte, Degeneration | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| Hepatocyte, Necrosis | | | | | 1 | | | | | | | | | 3 | | | | | | | | | | | | | |
| Hepatocyte, Vacuolization Cytoplasmic | 1 | 1 | | 1 | 1 | 2 | 1 | | | 1 | | | | | | | | | 2 | | | | | | | | |
| Portal, Fibrosis | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| Vein, Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mesentery Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | + | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | | | + | | |
| Gingival, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Acinus, Atrophy | | 1 | 1 | | | 2 | 2 | 2 | 3 | 1 | 3 | | 1 | | 2 | 2 | 2 | 1 | 3 | | | 2 | 4 | 1 | 1 | | |
| Acinus, Hyperplasia | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Duct, Cyst | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Perforation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | 4 | | | 2 | | | 4 | 4 | | | | 4 | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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Experiment Number: 99032 - 03

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Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

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

Lab: BAT

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | males (cont...) | |
|-----------------------|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|---|
| FISCHER 344 RATS MALE | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| | | 7 | 5 | 7 | 7 | 7 | 7 | 4 | 7 | 6 | 7 | 7 | 4 | 4 | 6 | 7 | 7 | 6 | 6 | 7 | 4 | | 6 |
| 5 MG/KG | | 2 | 5 | 2 | 2 | 2 | 2 | 9 | 2 | 9 | 2 | 2 | 6 | 4 | 0 | 0 | 0 | 2 | 0 | 2 | 7 | 1 | |
| | | 7 | 3 | 7 | 8 | 8 | 7 | 7 | 8 | 2 | 7 | 7 | 9 | 9 | 8 | 2 | 2 | 5 | 9 | 8 | 8 | 9 | 9 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 |

Congestion

Erosion

Inflammation

Epithelium, Hyperplasia

Glands, Cyst

3

3

2

1

1

CARDIOVASCULAR SYSTEM

Blood Vessel

+ +

Heart

+ +

Cardiomyopathy

3 2 2 3 3 3 2 3 1 3 2 2 3 3 2 2 2 3 1 2 2 3

Atrium, Thrombosis

4

ENDOCRINE SYSTEM

Adrenal Cortex

+ +

Degeneration, Cystic

3

Hemorrhage

Hyperplasia

1 3 2 1 1 1 1 1 1 2 1 2

Hypertrophy

2

1

Vacuolization Cytoplasmic

1 1 2 1 1 1 2 3 1 1

1

Adrenal Medulla

+ +

Hemorrhage

Hyperplasia

3 1 4 4 4 2 4 1 1 1 1

Islets, Pancreatic

+ +

Parathyroid Gland

+ + + + + + + + + + + + + + + + + M + + + +

Cyst

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 .. Lesion qualified as:

X .. Lesion present

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2) Mild 4) Marked

Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | males (cont...) | | | | | |
|-----------------------|--|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------------|----|----|----|----|----|
| FISCHER 344 RATS MALE | | 07 | 05 | 07 | 07 | 07 | 07 | 04 | 07 | 06 | 07 | 07 | 04 | 04 | 06 | 07 | 07 | 06 | 06 | 07 | 04 | | 06 | 05 | 07 | 05 | 04 |
| 5 MG/KG | | 27 | 53 | 27 | 28 | 28 | 27 | 97 | 28 | 92 | 22 | 27 | 69 | 49 | 08 | 02 | 02 | 25 | 09 | 08 | 88 | | 19 | 59 | 27 | 84 | 52 |
| ANIMAL ID | | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| | | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| | | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | |

Hyperplasia

Pituitary Gland

Hemorrhage

Pars Distalis, Cyst

Pars Distalis, Hyperplasia

Pars Intermedia, Hyperplasia

Thyroid Gland

Cyst

C-cell, Hyperplasia

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis

Inflammation

Preputial Gland

Inflammation

Prostate

Inflammation

Epithelium, Hyperplasia

Seminal Vesicle

Inflammation

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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 Pyrogallol
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|--|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------------------------|
| FISCHER 344 RATS MALE 5 MG/KG | DAY ON TEST | 0 7 | 0 5 | 0 7 | 0 7 | 0 7 | 0 7 | 0 4 | 0 7 | 0 6 | 0 7 | 0 7 | 0 4 | 0 4 | 0 6 | 0 7 | 0 7 | 0 6 | 0 6 | 0 7 | 0 4 | 0 6 | 0 5 | 0 7 | 0 5 | 0 4 | males (cont...) |
| | ANIMAL ID | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Arteriole, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bilateral, Germinal Epithelium, Atrophy | | | | | | | | | | | | | | | | | | | 3 | | 4 | | | | 1 |
| Germinal Epithelium, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| Interstitial Cell, Hyperplasia | | | | | | 2 | 2 | | | | | | | 1 | | | 1 | | | 2 | 1 | | | 1 | 1 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | 3 | | | | | | 4 | 4 | | | 4 | | 3 | | 3 | | 4 | | | | | 2 | |
| Myelofibrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | | | | | | | | | + | | | + | | | | | | | | | | | + | |
| Deep Cervical, Degeneration, Cystic | | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| Mediastinal, Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis, Lymphoid | | | | | | | 3 | | | | | | | | | | | | | | | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infarct | | | | | 2 | | | | | | | | | | | | | | | | | | | | 2 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

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|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|--|
| | 0 7 2 7 | 0 5 5 3 | 0 7 2 7 | 0 7 2 8 | 0 7 2 8 | 0 7 2 7 | 0 4 9 7 | 0 7 2 8 | 0 6 9 2 | 0 7 2 7 | 0 4 2 7 | 0 4 6 9 | 0 6 0 8 | 0 7 0 2 | 0 7 0 5 | 0 6 2 9 | 0 7 2 8 | 0 4 6 8 | 0 6 5 9 | 0 7 2 9 | 0 5 2 7 | 0 7 8 4 | 0 5 8 5 | 0 4 5 2 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |

males
(cont...)

Necrosis, Lymphoid
Necrosis, Focal
Capsule, Fibrosis
Lymphoid Follicle, Atrophy
Lymphoid Follicle, Depletion Cellular

Thymus

+ + + + + + + + + + + + + + M + + + + + + + + +

INTEGUMENTARY SYSTEM

Mammary Gland
Inflammation

+ + + + M +

Skin
Abscess
Site Of Application, Hyperkeratosis
Site Of Application, Hyperplasia

+
4
1 1
1

MUSCULOSKELETAL SYSTEM

Bone
Hemorrhage
Epiphysis, Femur, Cyst

+
2

NERVOUS SYSTEM

Brain
Hemorrhage
Hydrocephalus

+
4
2
2

RESPIRATORY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| FISCHER 344 RATS MALE 5 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males (cont...) | | | |
|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0 7 2 7 | 0 5 5 3 | 0 7 2 7 | 0 7 2 8 | 0 7 2 8 | 0 7 2 7 | 0 4 9 7 | 0 7 2 8 | 0 6 9 2 | 0 7 2 7 | 0 4 6 9 | 0 4 4 9 | 0 6 0 8 | 0 7 0 2 | 0 7 0 2 | 0 6 2 5 | 0 6 0 9 | 0 7 2 8 | 0 4 1 9 | 0 6 5 9 | | | 0 7 2 7 | 0 5 2 4 | 0 7 8 5 |
| | 0 0 0 5 1 | 0 0 0 5 2 | 0 0 0 5 3 | 0 0 0 5 4 | 0 0 0 5 5 | 0 0 0 5 6 | 0 0 0 5 7 | 0 0 0 5 8 | 0 0 0 5 9 | 0 0 0 6 0 | 0 0 0 6 1 | 0 0 0 6 2 | 0 0 0 6 3 | 0 0 0 6 4 | 0 0 0 6 5 | 0 0 0 6 6 | 0 0 0 6 7 | 0 0 0 6 8 | 0 0 0 6 9 | 0 0 0 7 0 | 0 0 0 7 1 | 0 0 0 7 2 | 0 0 0 7 3 | 0 0 0 7 4 | 0 0 0 7 5 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | 2 | | 2 | | 2 | | | | 2 | | 1 | | | | | | | | 4 | | | | | |
| Pigmentation, Hemosiderin | | | | | | 3 | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | 2 | | | | | | | 3 | | 2 | | | | | | | |
| Alveolus, Infiltration Cellular, Histiocyte | | 1 | | | | 3 | | | | | | | | | | | 1 | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation | 3 | | 2 | 1 | 1 | 1 | | | 3 | 3 | | 1 | | | | 2 | 1 | 1 | 3 | | | | 3 |
| Polyp, Inflammatory | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | 3 | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | 1 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cataract | | | | | | | | | | | 3 | | | | | | | | | | | 2 | |
| Retina, Atrophy | | | | | | | | | | | 4 | | | | | | | | | | | 3 | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | 3 | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | |

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Lab: BAT

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|------------------------------|-----------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|--------------------|----|----|
| | 07 | 05 | 07 | 07 | 07 | 07 | 04 | 07 | 06 | 07 | 07 | 04 | 04 | 06 | 07 | 07 | 06 | 06 | 07 | 04 | 06 | 05 | 07 | | | 05 | 04 |
| 27 | 53 | 27 | 28 | 28 | 27 | 29 | 28 | 22 | 27 | 27 | 26 | 24 | 24 | 08 | 02 | 02 | 05 | 09 | 08 | 08 | 09 | 05 | 07 | 08 | 05 | | |
| 51 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| 55 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | |
| Nephropathy | 2 | 2 | 2 | 1 | 3 | 4 | 2 | 3 | | 2 | 3 | 1 | 1 | 2 | 4 | 1 | 4 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | | 1 | |
| Urinary Bladder Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

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|-------------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| | 07 | 07 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | 05 | 07 | 06 | 07 | 06 | 07 | 05 | 07 | |
| 5 MG/KG | 27 | 27 | 28 | 22 | 22 | 28 | 22 | 22 | 28 | 22 | 27 | 22 | 22 | 22 | 28 | 28 | 27 | 20 | 28 | 27 | 27 | 29 | 22 | 21 | |
| ANIMAL ID | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | 0099 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Parasite Metazoan | | | | | | | | | | | | | | | | | | | | | | | | | 5 | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Peyer's Patch, Inflammation, Granulomatous | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 | |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 8 | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | 17 | |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | 6 1.5 | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.3 | |
| Hepatodiaphragmatic Nodule | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |

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| | 0 7 2 7 | 0 7 2 7 | 0 7 2 8 | 0 6 2 2 | 0 7 2 7 | 0 7 2 8 | 0 7 2 7 | 0 7 2 8 | 0 7 2 7 | 0 6 2 7 | 0 7 2 7 | 0 7 2 7 | 0 7 2 7 | 0 7 2 8 | 0 5 2 8 | 0 7 2 7 | 0 6 2 8 | 0 7 2 7 | 0 6 2 7 | 0 5 2 9 | | 0 7 2 7 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | |
| ANIMAL ID | 0 0 0 7 6 | 0 0 0 7 7 | 0 0 0 7 8 | 0 0 0 7 9 | 0 0 0 8 0 | 0 0 0 8 1 | 0 0 0 8 2 | 0 0 0 8 3 | 0 0 0 8 4 | 0 0 0 8 5 | 0 0 0 8 6 | 0 0 0 8 7 | 0 0 0 8 8 | 0 0 0 8 9 | 0 0 0 9 0 | 0 0 0 9 1 | 0 0 0 9 2 | 0 0 0 9 3 | 0 0 0 9 4 | 0 0 0 9 5 | 0 0 0 9 6 | 0 0 0 9 7 | 0 0 0 9 8 | 0 0 0 9 9 | 0 0 0 9 9 | 0 0 0 9 9 | 0 0 0 9 9 | 0 0 0 9 9 |
| | Inflammation | | 1 | 1 | | 1 | | | | | | 1 | 1 | 1 | | | 1 | 1 | | | | | | | | 1 | 17 | 1.1 |
| Mixed Cell Focus | | | | X | | X | | X | | | X | | | | | | | | | | | | | | | 6 | | |
| Bile Duct, Hyperplasia | | 1 | | 1 | | 1 | 1 | 1 | | 1 | 1 | | 1 | | | 1 | 1 | 1 | | | | | | | 24 | 1.0 | | |
| Hepatocyte, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | |
| Hepatocyte, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | |
| Hepatocyte, Necrosis | | | | | | | | | | | 1 | | | | 3 | | | | 3 | | | | | | 5 | 2.2 | | |
| Hepatocyte, Vacuolization Cytoplasmic | | 1 | 1 | | 2 | | | 1 | 1 | | 1 | 1 | | 1 | | 1 | | 1 | | | 1 | | 1 | | 20 | 1.2 | | |
| Portal, Fibrosis | | | | 1 | | 1 | | 1 | 1 | | | | 1 | | | | | | | | | | | | 6 | 1.0 | | |
| Vein, Thrombosis | | | | | | | | | | | | | | | | | | | | 4 | | | | | 1 | 4.0 | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | + | 2 | 2 | 3.0 | |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Gingival, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Pancreas | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Acinus, Atrophy | | 1 | 1 | | | | | | 2 | 1 | 1 | 3 | | | 1 | 2 | | 1 | 2 | | | 2 | 2 | | 4 | 31 | 1.8 | |
| Acinus, Hyperplasia | | | | 2 | 1 | 2 | | | | 2 | | | 2 | | 2 | | | | 2 | | | | | | 8 | 1.8 | | |
| Duct, Cyst | | | | | | | | | 2 | | | 1 | | | | | | | | | | | 1 | | 4 | 1.5 | | |
| Salivary Glands | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Stomach, Forestomach | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Inflammation | | | | | | | | | | | 2 | | | | | | | | | | | | | | | 1 | 2.0 | |
| Perforation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | 4 | 6 | 3.7 | | |
| Epithelium, Hyperplasia | | | | | | | | | | | 2 | | | | | | | | | | 3 | | | | 2 | 2.5 | | |
| Stomach, Glandular | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |

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| | 07 | 07 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | 05 | 07 | 06 | 07 | | 07 | 05 | 07 |
| ANIMAL ID | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | 0099 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|---|--|---|---|--|--|--|---|--------------|--------------|
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 | |
| Erosion | | | | | | | | | | | | | | | | | | | | 3 | | | | | | 2 | 4 2.8 |
| Inflammation | | | | | | | | | 1 | | | | | | | | | 1 | | | | | | | | | 4 1.3 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | 2 | | | 2 | | | | | | 2 2.0 |
| Glands, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---------------|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cardiomyopathy | 2 | 2 | 3 | 2 | 3 | 3 | 1 | | 3 | 3 | 2 | 2 | 2 | | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 45 2.4 |
| Atrium, Thrombosis | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | 2 3.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|---------------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | 1 3.0 |
| Hyperplasia | | 1 | | | 1 | | | 2 | | | 1 | 1 | | | 1 | | 1 | | 2 | | 1 | 2 | 1 | 2 | | | 21 1.4 |
| Hypertrophy | 2 | | | | | | | | 1 | | 2 | 1 | 3 | | | | | 1 | | 1 | 1 | | | | | | 10 1.5 |
| Vacuolization Cytoplasmic | | | | | | | | 2 | | | 1 | | | | 1 | 1 | | | 2 | 1 | | 1 | | | 4 | | 18 1.5 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | 1 3.0 |
| Hyperplasia | | | | 3 | | 1 | | 1 | | | 2 | | 2 | 2 | | | | | | 2 | | | | | | | 18 2.2 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Cyst | | | | | 3 | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |

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| | 07 | 07 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | 05 | 07 | 06 | 07 | 06 | | | 07 | 05 | 07 | 07 |
| ANIMAL ID | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | 0099 | | |
| Hyperplasia | | | | 2 | | | | | | | | | | | | | | | | | | | 1 | 3 | 3 2.0 | |
| Pituitary Gland Hemorrhage | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | 1 4.0 |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2 1.5 |
| Pars Distalis, Hyperplasia | | | | 4 | | | | | | | 3 | | 1 | 1 | | | | 3 | | | 1 | | 4 | | 10 2.3 | |
| Pars Intermedia, Hyperplasia | | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | 1.0 |
| Thyroid Gland Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 3.0 |
| C-cell, Hyperplasia | | | 1 | 3 | | | | | | | 1 | 1 | 1 | | 1 | 3 | 1 | 2 | | | 1 | | 1 | | 19 | 1.3 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------|
| Epididymis Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 2.0 |
| Preputial Gland Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 8 2.4 |
| Prostate Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 45 2.2 |
| Prostate Epithelium, Hyperplasia | 3 | | 3 | 3 | 2 | 3 | 2 | 1 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 4 | 1 | 2 | 1 | 1 | 3 | 3 | 2 | 45 | 2.2 |
| Seminal Vesicle Inflammation | | | | | 2 | | | | | | | | 1 | 2 | | 2 | | | | | | | | 2 | 8 | 1.5 |
| Seminal Vesicle Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 3.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| FISCHER 344 RATS MALE 5 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |
|----------------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|----|----|----|----|
| | 07 | 07 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | 07 | 06 | 07 | 07 | 07 | 07 | 07 | 05 | 07 | 06 | 07 | | 06 | 07 | 05 | 07 |
| ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| | 77 | 77 | 77 | 77 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| | 67 | 77 | 88 | 99 | 00 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 00 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 00 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Arteriole, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Bilateral, Germinal Epithelium, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.7 |
| Germinal Epithelium, Atrophy | | | | | | | 4 | | | | | | | | | | | | | 4 | 3 | | | | 4 3.8 |
| Interstitial Cell, Hyperplasia | 2 | | 2 | | | 1 | | | | | | | | | | | | 1 | | | | | | 1 | 13 1.4 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | 3 | | | 1 3.0 |
| Hyperplasia | | | | | | | | | | | | | | 3 | | 4 | | | | | | | | 3 | | 11 3.4 |
| Myelofibrosis | | | | | | | | | | | | | | | | | | | | | | 3 | | | | 1 3.0 |
| Lymph Node | | | + | | | | | | + | | | | | | | | | | | | | + | | + | | 8 |
| Deep Cervical, Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Mediastinal, Degeneration, Cystic | | | 3 | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Mediastinal, Hemorrhage | | | | | | | | | | | | | 3 | | | | | | | | | | | | | 2 2.5 |
| Mediastinal, Hyperplasia | | | | | | | | | | | | | 3 | | | | | | | | | | | | | 1 3.0 |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | 2 | | | | | | | | | | | | | | 1 2.0 |
| Mediastinal, Hyperplasia, Plasma Cell | | | 2 | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Lymph Node, Mandibular | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 4 1.5 |
| Necrosis, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 2 2.5 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.0 |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
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|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|-----------|--------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 |
| | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 6 | 7 | 7 | 5 | 7 | | | 7 |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 5 | 2 | 2 | 2 | 2 | 8 | 2 | 0 | 2 | 7 | 2 | 2 | 9 | 2 | | |
| | 7 | 7 | 8 | 2 | 7 | 8 | 7 | 8 | 7 | 2 | 7 | 7 | 7 | 8 | 8 | 7 | 9 | 8 | 7 | 7 | 9 | 8 | 1 | | |
| ANIMAL ID | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| Necrosis, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 3.0 |
| Necrosis, Focal | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 3.0 |
| Capsule, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 |
| Lymphoid Follicle, Atrophy | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 3.0 |
| Lymphoid Follicle, Depletion Cellular | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 | 4.0 |
| Thymus | | | | | | | | | | | | | | | | | | | | | | | | 48 | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland Inflammation | | | | | | | | | | | | | | | | | | | | | | | 1 | 49 | 1 1.0 |
| Skin | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Abscess | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Site Of Application, Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 |
| Site Of Application, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 1 1 1 1 | 6 | 1.0 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 3.0 |
| Epiphysis, Femur, Cyst | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | 3 | 4 | 2.8 |
| Hydrocephalus | | | | | | | | | | | | | | | | | | | | | | | 2 | 3 | 1.7 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|--------|--|
| | 07727 | 07728 | 07782 | 07782 | 07787 | 07787 | 07787 | 07787 | 07787 | 07787 | 07787 | 07787 | 07787 | 07787 | 07787 | 07787 | 07787 | 07787 | 07787 | 07787 | | 07787 | | | | |
| ANIMAL ID | 00076 | 00077 | 00078 | 00079 | 00080 | 00081 | 00082 | 00083 | 00084 | 00085 | 00086 | 00087 | 00088 | 00089 | 00090 | 00091 | 00092 | 00093 | 00094 | 00095 | 00096 | 00097 | 00098 | 00099 | 00100 | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hemorrhage | | | | 3 | | | | | | | | | | | | | | 3 | | | | | | | 3 3.0 | |
| Inflammation | | | 1 | | | 1 | 1 | | | | 1 | | | | | | 1 | 1 | | | | | | | 12 1.6 | |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Thrombosis | | | | | | | | | | | | | | | | | | | 2 | | | | | | 1 2.0 | |
| Alveolar Epithelium, Hyperplasia | | | | | 2 | | | | | | | | 1 | | | | | 1 | 3 | | | | | | 7 2.0 | |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | 2 | | | | | | | | 1 | | | | | 1 | | | | | | | 6 1.5 | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation | 2 | 2 | 3 | | | | 1 | | 1 | | 2 | 2 | 2 | | | | 1 | 3 | 4 | 4 | 2 | | 1 | 2 | 28 2.0 | |
| Polyp, Inflammatory | | | | | | | | | | | | | | | | | | | 4 | | | | | | 1 4.0 | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | 2 | | | | | 2 2.5 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 | |
| Retina, Atrophy | | | | | | | | | | | | | | | | | | | | | | 2 | | | 3 3.0 | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | | | | | | | | | | | | 2 | | | | | | | | | | 1 2.0 | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 | |

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X .. Lesion present

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|----------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|---------------|
| | 0777 | 0778 | 0782 | 0787 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | | |
| ANIMAL ID | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | 0099 | | |
| Nephropathy | 3 | 1 | 3 | 1 | 2 | 2 | 1 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | | 2 | 1 | 4 | 3 | 2 | 3 | 2 | 2 | 4 | 47 2.3 |
| Urinary Bladder Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |

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| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------------------|---|--|
| | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 6 | 6 | 6 | 5 | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 4 | 7 | 5 | 6 | 7 | 7 | 5 | 7 | 7 | 7 | 6 | |
| FISCHER 344 RATS MALE | | 0 | 9 | 5 | 8 | 0 | 2 | 2 | 8 | 2 | 2 | 4 | 2 | 2 | 9 | 6 | 2 | 8 | 7 | 2 | 8 | 8 | 1 | 2 | 2 | 4 | |
| 20 MG/KG | | 5 | 4 | 2 | 9 | 3 | 8 | 7 | 1 | 7 | 8 | 7 | 7 | 8 | 4 | 6 | 7 | 3 | 3 | 8 | 8 | 9 | 6 | 8 | 8 | 4 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | males (cont...) | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|--|--|--|---|---|---|---|---|---|---|---|---|---|--|--|---|---|---|--|--|---|--|--|---|---|
| Esophagus | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Cecum | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | 3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Colon | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parasite Metazoan | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Rectum | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parasite Metazoan | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Duodenum | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | 4 | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| Intestine Small, Ileum | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Jejunum | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Liver | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | | X | | | X | X | X | | | | | | | X | | | | | | | |
| Clear Cell Focus | | | | | | | X | X | | X | | | | | | | | | | | | | | | | |
| Degeneration, Cystic | | | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Fatty Change | | | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatodiaphragmatic Nodule | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | 1 | | 1 | | 1 | 1 | | | | 1 | | | 1 | 1 | 1 | | | X | | | X | 1 |

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|---------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|------------------|------------------|------------------|------------------|
| | 0 6 0 5 | 0 6 9 4 | 0 6 5 2 | 0 5 8 9 | 0 6 0 2 | 0 7 7 8 | 0 7 2 7 | 0 6 8 1 | 0 7 2 7 | 0 7 8 1 | 0 6 2 7 | 0 7 2 7 | 0 6 2 8 | 0 4 9 4 | 0 7 6 7 | 0 5 8 3 | 0 6 7 8 | 0 7 8 9 | 0 5 7 6 | 0 7 2 8 | | 0 7 7 4 | | | |
| 20 MG/KG | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 1 0 1 | 0 0 1 2 | 0 0 1 3 | 0 0 1 4 | 0 0 1 5 | 0 0 1 6 | 0 0 1 7 | 0 0 1 8 | 0 0 1 9 | 0 0 0 0 | 0 0 1 1 | 0 0 1 2 | 0 0 1 3 | 0 0 1 4 | 0 0 1 5 | 0 0 1 6 | 0 0 1 7 | 0 0 1 8 | 0 0 1 9 | 0 0 2 0 | 0 0 2 1 | 0 0 2 2 | 0 0 2 3 | 0 0 2 4 | 0 0 2 5 |
| Mixed Cell Focus | | | | X | | | | | X | | | | | | X | | | | | | X | | | | |
| Bile Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bile Duct, Hyperplasia | | 1 | | 1 | | 1 | | 1 | | | 1 | | 1 | 1 | | | 1 | 1 | | | 1 | | | | |
| Centrilobular, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Necrosis | | | | | | | | | | | | | | | | | 1 | | | | | | | | |
| Hepatocyte, Regeneration | | 3 | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Vacuolization Cytoplasmic | | 1 | | 1 | 3 | 1 | 1 | 3 | 1 | 1 | | | 1 | 1 | | | 1 | | | 1 | | | | 1 | |
| Portal, Fibrosis | | | | | | | | 1 | | | | | | | 1 | | | | | | | 1 | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | + | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| Oral Mucosa | | | | | | | | | | | + | | | | | | | | | | | | | | |
| Gingival, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pharyngeal, Hyperplasia | | | | | | | | | | | | 4 | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Acinus, Atrophy | 1 | | | 2 | | | | 3 | 3 | | | | | 3 | 2 | 2 | 1 | 1 | | | 2 | 1 | | 1 | 1 |
| Acinus, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | 2 | 3 | | | |
| Duct, Cyst | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | 1 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | 3 | | | 4 | | | | 4 | | | | | | | | 4 | | | 4 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | 3 | | | | | | | 1 | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|---|---|
| | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | males (cont...) | | |
| FISCHER 344 RATS MALE | | 6 | 6 | 6 | 5 | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 4 | 7 | 5 | 6 | 7 | 7 | 5 | 7 | 7 | | 6 | |
| | | 0 | 9 | 5 | 8 | 0 | 2 | 2 | 8 | 2 | 2 | 4 | 2 | 2 | 9 | 6 | 2 | 8 | 7 | 2 | 2 | 8 | 1 | 2 | | 2 | 4 |
| | | 5 | 4 | 2 | 9 | 3 | 8 | 7 | 1 | 7 | 8 | 7 | 7 | 8 | 4 | 6 | 7 | 3 | 3 | 8 | 8 | 9 | 6 | 8 | | 4 | |
| 20 MG/KG | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |

Stomach, Glandular
Ulcer
Epithelium, Hyperplasia
Glands, Cyst

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | 2 | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cardiomyopathy | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 4 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 1 | 3 | 2 | 1 | 3 | 3 | 1 | 1 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Degeneration, Cystic | | | | | | | | | | | | | | | | 3 | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | 2 | | | | | | | | | | | | | | | |
| Hyperplasia | 1 | | 2 | 2 | 2 | | 2 | 2 | | 1 | | | | 3 | | 1 | | 1 | 1 | 2 | | | 1 | | | |
| Hypertrophy | | | | | | | 1 | | | 1 | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | | | | 1 | 1 | 2 | 2 | | 1 | 1 | | | 3 | | 2 | | | 1 | 1 | 3 | 1 | | 3 | | 1 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | 2 | | | 2 | | | | | 2 | | | | | 2 | | 3 | | | | 4 | 2 | 1 | | | 2 | 2 |
| Necrosis | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Parathyroid Gland | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
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Experiment Number: 99032 - 03

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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | males (cont...) | | | | | | | | | | | | | | | |
|--------------------------------|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|
| FISCHER 344 RATS MALE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | | | | | | | | | | | | | |
| 20 MG/KG | | 6 | 6 | 6 | 5 | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 4 | 7 | 5 | 6 | 7 | 7 | 5 | 7 | 7 | 6 | | | | | | | | | | | | |
| | | 0 | 9 | 5 | 8 | 0 | 2 | 2 | 8 | 2 | 2 | 4 | 2 | 2 | 9 | 6 | 2 | 8 | 7 | 2 | 2 | 8 | 1 | 2 | 2 | 4 | | | | | | | | | | | |
| | | 5 | 4 | 2 | 9 | 3 | 8 | 7 | 1 | 7 | 8 | 7 | 7 | 8 | 4 | 6 | 7 | 3 | 3 | 8 | 8 | 9 | 6 | 8 | 8 | 4 | | | | | | | | | | | |
| ANIMAL ID | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | | | | | | | | | | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Germinal Epithelium, Atrophy | | 2 | | | | | | | | 3 | | | | 2 | | | | | | | | 4 | | | | 2 | | | | | | | | | | | |
| Interstitial Cell, Hyperplasia | | | | | | | | | | | | | 2 | | | | | | | | | | | | 2 | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|--|--|--|---|--|--|--|--|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | | | | | | |
| Hyperplasia | 4 | 4 | | | | | | | | | | | | | | 3 | | | | | | | | | | | | 3 | | | | | 4 | | | | | 4 |
| Myelofibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | | | | | | | | | | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | | | | | |
| Degeneration, Cystic | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Histiocytic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | | | | | |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infarct | | | | | | | | | | | | 4 | | | | | | | | | | | | 3 | | | | | 4 | | | | | | | | | |
| Lymphoid Follicle, Atrophy | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| Thymus | + | + | + | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | | | | | | |
| Cyst | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically M .. Missing tissue
 X .. Lesion present A .. Autolysis precludes evaluation
 I .. Insufficient tissue BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 99032 - 03
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Pyrogallol
 CAS Number: 87-66-1

Date Report Requested: 05/30/2012
 Time Report Requested: 11:40:45
 First Dose M/F: 09/15/04 / 09/16/04
 Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------------------|
| FISCHER 344 RATS MALE | DAY ON TEST | 0 6 | 0 6 | 0 6 | 0 5 | 0 6 | 0 7 | 0 7 | 0 6 | 0 7 | 0 7 | 0 6 | 0 7 | 0 7 | 0 6 | 0 4 | 0 7 | 0 5 | 0 6 | 0 7 | 0 7 | 0 5 | 0 7 | 0 7 | 0 7 | 0 6 | males (cont...) |
| | 20 MG/KG | 0 5 | 0 4 | 0 2 | 0 9 | 0 8 | 0 2 | 0 2 | 0 8 | 0 2 | 0 2 | 0 4 | 0 2 | 0 2 | 0 8 | 0 9 | 0 6 | 0 2 | 0 8 | 0 7 | 0 3 | 0 8 | 0 8 | 0 1 | 0 2 | 0 2 | |
| | ANIMAL ID | 0 1 | 0 1 | 0 0 | 0 1 | 0 1 | 0 1 | 0 0 | 0 1 | 0 1 | 0 1 | 0 0 | 0 1 | 0 1 | 0 1 | 0 1 | 0 1 | 0 1 | 0 1 | 0 1 | 0 1 | 0 1 | 0 1 | 0 1 | 0 1 | 0 1 | |

Fibrosis

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ulcer | | | | | | | | | | | | | | 4 | | | | | | | | | | | |
| Sebaceous Gland, Site Of Application, Hyperplasia | | | | | | | | | | | | | | | | | | | 1 | | | 1 | | | 1 |
| Site Of Application, Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site Of Application, Hyperplasia | 1 | | | | 1 | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Mandible, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 4 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hydrocephalus | | | | 2 | 1 | | | | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | 3 | | | 1 | | 1 | 1 | 1 | | 2 | 1 | | | | | 1 | | | | | | | 1 |
| Metaplasia, Squamous | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | 2 | 1 | | 1 | | 2 | | | | | | | | | | | | 2 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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Experiment Number: 99032 - 03

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Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

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Pyrogallol

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| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------------|
| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | |
| FISCHER 344 RATS MALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 6 | 6 | 6 | 5 | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 4 | 7 | 5 | 6 | 7 | 7 | 5 | 7 | 7 | 6 | |
| 20 MG/KG | 0 | 9 | 5 | 8 | 0 | 2 | 2 | 8 | 2 | 2 | 4 | 2 | 2 | 9 | 6 | 2 | 8 | 7 | 2 | 2 | 8 | 1 | 2 | 2 | |
| | 5 | 4 | 2 | 9 | 3 | 8 | 7 | 1 | 7 | 8 | 7 | 7 | 8 | 4 | 6 | 7 | 3 | 3 | 8 | 8 | 9 | 6 | 8 | 4 | |
| | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | males (cont...) |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | |

Alveolus, Infiltration Cellular, Histiocyte
Bronchiole, Fibrosis

1

Nose
Inflammation

+
1 2 2 2 1 2 3 1 2 1

Trachea
Inflammation
Metaplasia, Squamous

+
1

SPECIAL SENSES SYSTEM

Eye
Retina, Developmental Malformation

+ +

Harderian Gland
Hyperplasia
Inflammation

+
3 1

URINARY SYSTEM

Kidney
Hyperplasia, Tubular
Nephropathy
Thrombosis

+
2 2 2 3 4 3 3 4 3 3 1 4 2 3 1 3 2 1 3 2 2 2 2 1
1

Urinary Bladder
Transitional Epithelium, Hyperplasia

+
1

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

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Pyrogallol

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Time Report Requested: 11:40:45

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

Lab: BAT

| FISCHER 344 RATS MALE 20 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|-----------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|------|
| | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | | 0728 |
| ANIMAL ID | 00126 | 00127 | 00128 | 00129 | 00130 | 00131 | 00132 | 00133 | 00134 | 00135 | 00136 | 00137 | 00138 | 00139 | 00140 | 00141 | 00142 | 00143 | 00144 | 00145 | 00146 | 00147 | 00148 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Cecum Thrombosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 3.0 |
| Intestine Large, Colon Parasite Metazoan | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 |
| Intestine Large, Rectum Parasite Metazoan | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 3 |
| Intestine Small, Duodenum Inflammation Ulcer | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 4.0 1 4.0 |
| Intestine Small, Ileum Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 2.0 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Basophilic Focus | | | | | | X | | | | | | X | X | X | | | | | X | | X | | | 11 | |
| Clear Cell Focus | X | X | X | X | | | X | X | X | | | X | X | | | X | X | | X | | X | X | X | 21 | |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | 3 | | 1 | 3.0 |
| Hepatodiaphragmatic Nodule | | | | | | | | | X | | | | | | | | | | | | | | | 5 | |
| Inflammation | | 1 | | | | 1 | 1 | | | 1 | | | 1 | | | | | | 1 | 1 | | | 2 | 17 | 1.1 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

| FISCHER 344 RATS MALE 20 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-----|
| | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | | |
| ANIMAL ID | 00126 | 00017 | 00008 | 00009 | 00000 | 00001 | 00002 | 00003 | 00004 | 00005 | 00006 | 00007 | 00008 | 00009 | 00010 | 00011 | 00012 | 00013 | 00014 | 00015 | 00016 | 00017 | | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | X | | | X | | | | 6 | |
| Bile Duct, Cyst | | | | 3 | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Bile Duct, Hyperplasia | | | 1 | | | | | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | 1 | 1 | 1 | | 2 | 1 | 27 | 1.1 |
| Centrilobular, Fibrosis | | | | | | | | | | | | | | | | | | | | | 3 | | 1 | 3.0 |
| Hepatocyte, Atrophy | | | | | | | | | | | | | | | | | | | | | 4 | | 1 | 4.0 |
| Hepatocyte, Necrosis | | | | | | 1 | | | | | | | | | 1 | | | | | | 2 | | 4 | 1.3 |
| Hepatocyte, Regeneration | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Hepatocyte, Vacuolization Cytoplasmic | | | 1 | | | 1 | 1 | | | 2 | 1 | 1 | 1 | | 1 | | | 1 | 1 | 1 | | | 24 | 1.2 |
| Portal, Fibrosis | | | | | | 1 | | | | | | | | | 1 | | | 1 | 1 | | 1 | 1 | 9 | 1.0 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | + | | | | | | | | | | | | | | | | | + | | 3 | |
| | | | | 3 | | | | | | | | | | | | | | | | | 3 | | 3 | 3.0 |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | | |
| Gingival, Inflammation | | | | | | | | | | | | | | | | | | | | | | + | 4 | |
| Pharyngeal, Hyperplasia | | | | 1 | | | | | | | | | | | | | | | | | | 3 | 2 | 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | | 2 | 3.5 |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Acinus, Atrophy | | | | | | | | | | | | | | | | | | | | | | | 28 | 1.7 |
| Acinus, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 4 | 2.0 |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | 3 | 1.7 |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | 7 | 3.7 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 4 | 2.5 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
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1) Minimal 3) Moderate
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Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| FISCHER 344 RATS MALE 20 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | | | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|--------|
| | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | | | 0728 | | | | | | | | | | |
| ANIMAL ID | 00126 | 00127 | 00128 | 00129 | 00130 | 00131 | 00132 | 00133 | 00134 | 00135 | 00136 | 00137 | 00138 | 00139 | 00140 | 00141 | 00142 | 00143 | 00144 | 00145 | 00146 | 00147 | 00148 | 00149 | 00150 | | | | | | | | |
| Stomach, Glandular Ulcer Epithelium, Hyperplasia Glands, Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 2.0 | 1 3.0 | 1 3.0 | | | | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | | | |
| Heart Cardiomyopathy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 46 | 2.4 | | | | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex Degeneration, Cystic Hematopoietic Cell Proliferation Hemorrhage Hyperplasia Hypertrophy Necrosis Vacuolization Cytoplasmic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 3.0 | 1 1.0 | 1 2.0 | 29 1.5 | 10 1.3 | 1 4.0 | 23 1.5 |
| Adrenal Medulla Hyperplasia Necrosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 20 | 2.1 | 1 4.0 | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | | | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
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| FISCHER 344 RATS MALE 20 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-----------------------------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|
| | 078 | 078 | 077 | 078 | 077 | 077 | 077 | 067 | 055 | 055 | 047 | 077 | 077 | 077 | 077 | 077 | 057 | 077 | 077 | 055 | 066 | 066 | 077 | 077 | |
| ANIMAL ID | 001 | 001 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|--------|
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Pars Distalis, Hyperplasia | | | | 4 | 2 | 3 | 1 | | | | | | | | 3 | 4 | 3 | | 4 | | | | | 3 | 3 | 12 2.8 |
| Pars Intermedia, Hyperplasia | | | | | | | | | | | | | | | | | | | | 1 | | | | | 1 1.0 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| C-cell, Hyperplasia | 1 | 1 | | | 1 | | | | | 1 | 1 | 1 | | 1 | 1 | 1 | | 2 | | | 2 | | | | 21 1.4 | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|--------|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation | | | | | | | 1 | | | | | | | | | | | | | | | | | | 2 1.0 | |
| Penis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation | | | | | 1 | | | | 1 | | | | | | | | | | | 2 | | | | 1 | 5 1.2 | |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation | 3 | 3 | 3 | | 1 | 1 | 2 | 1 | 2 | 2 | 1 | 3 | 3 | 3 | 2 | 2 | | 3 | 2 | 3 | 1 | 3 | 3 | 3 | 2 | 48 2.4 |
| Epithelium, Hyperplasia | | | | | 1 | | | | | | | 1 | | 1 | | | | 1 | | | | | | | 5 1.0 | |
| Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Bilateral, Atrophy | | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 2.0 | |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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Experiment Number: 99032 - 03

Test Type: CHRONIC

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Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| FISCHER 344 RATS MALE 20 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-----------------------------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|
| | 078 | 078 | 077 | 077 | 077 | 077 | 077 | 067 | 055 | 055 | 047 | 047 | 047 | 047 | 047 | 047 | 047 | 047 | 047 | 047 | 047 | 047 | 047 | 047 | |
| ANIMAL ID | 001 | 001 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|-----|-----|
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 4.0 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Germinal Epithelium, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 3.1 |
| Interstitial Cell, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 2.0 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | | 4 | | | | | | | | | | | | | | | | | | | | | 11 | 3.6 |
| Myelofibrosis | | | | 2 | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Lymph Node | | | | | + | | | | | | | | | | | | | | | | | | | | | 4 | |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Mediastinal, Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Lymph Node, Mandibular | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Hyperplasia, Histiocytic | | | | | 2 | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3.7 |
| Lymphoid Follicle, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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X .. Lesion present

I .. Insufficient tissue

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|-----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 6 3 7 | 0 5 9 4 | 0 5 9 1 | 0 4 2 7 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 5 2 8 | 0 7 2 8 | 0 5 9 8 | 0 6 7 5 | | 0 6 2 7 | 0 7 2 8 | 0 7 2 8 | |
| ANIMAL ID | 0 0 1 2 6 | 0 0 1 2 7 | 0 0 1 2 8 | 0 0 1 2 9 | 0 0 1 3 0 | 0 0 1 3 1 | 0 0 1 3 2 | 0 0 1 3 3 | 0 0 1 3 4 | 0 0 1 3 5 | 0 0 1 3 6 | 0 0 1 3 7 | 0 0 1 3 8 | 0 0 1 3 9 | 0 0 1 4 0 | 0 0 1 4 1 | 0 0 1 4 2 | 0 0 1 4 3 | 0 0 1 4 4 | 0 0 1 4 5 | 0 0 1 4 6 | 0 0 1 4 7 | 0 0 1 4 8 | 0 0 1 4 9 | 0 0 1 5 0 |

Fibrosis 2 1 2.0

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|---|---|----|-----|
| Mammary Gland | + | | | | | | | | | | | | | | | | | | | | 50 | | | | | |
| Skin | + | | | | | | | | | | | | | | | | | | | | 50 | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | | | | |
| Sebaceous Gland, Site Of Application, Hyperplasia | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 12 | 1.0 |
| Site Of Application, Hyperkeratosis | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 21 | 1.0 |
| Site Of Application, Hyperplasia | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 20 | 1.0 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-----|
| Bone | + | | | | | | | | | | | | | | | | | | | | 50 | |
| Mandible, Cyst | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|---|---|-----|
| Brain | + | | | | | | | | | | | | | | | | | | | | 50 | | | |
| Hydrocephalus | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 4 | 1.8 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|-----|----|-----|
| Lung | + | | | | | | | | | | | | | | | | | | | | 50 | | | | | |
| Congestion | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 3.0 | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 13 | 1.2 | | |
| Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1.0 | | |
| Alveolar Epithelium, Hyperplasia | 3 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 10 | 1.8 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| FISCHER 344 RATS MALE 20 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----------|
| | 078 | 078 | 077 | 078 | 077 | 077 | 077 | 067 | 059 | 055 | 049 | 077 | 077 | 077 | 077 | 077 | 058 | 077 | 077 | 056 | 066 | 077 | 077 | | |
| ANIMAL ID | 001 | 001 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | | |
| Alveolus, Infiltration Cellular, Histiocyte | 2 | | 1 | | | | 2 | | | | | 1 | | | | | | | | | | | | 5 | 1.4 |
| Bronchiole, Fibrosis | | | | | | | | | | | | | | | | | | | | 3 | | | | 1 | 3.0 |
| Nose Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| | | | 1 | 2 | 3 | | 3 | | | | | 2 | | | 3 | 1 | | 2 | | | | 3 | 2 | 21 | 2.0 |
| Trachea Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Metaplasia, Squamous | | | | | | 1 | | | | | | | | | | | | | 2 | | | | | 2 | 1.5 |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye Retina, Developmental Malformation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Harderian Gland Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | 1 | | 2 | 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney Hyperplasia, Tubular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Nephropathy | 2 | 2 | 3 | 1 | 2 | 3 | 2 | 2 | 1 | 1 | 1 | 3 | 2 | 3 | 2 | 2 | 1 | 3 | 2 | 2 | 1 | 1 | 3 | 49 | 2.2 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Urinary Bladder Transitional Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| FISCHER 344 RATS MALE 75 MG/KG | DAY ON TEST | | ANIMAL ID | | | | | | | | | | | | | | | | | | | | males (cont...) | | |
|-----------------------------------|-------------|---|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|---|---|
| | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | | 0 | 7 |
| | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | 0 | 7 | |
| | 2 | 8 | 5 | 6 | 2 | 7 | 2 | 8 | 9 | 0 | 2 | 7 | 2 | 8 | 9 | 0 | 2 | 7 | 2 | 8 | 9 | 0 | 2 | 7 | |
| | 8 | 7 | 7 | 6 | 8 | 7 | 6 | 8 | 7 | 6 | 8 | 7 | 6 | 8 | 7 | 6 | 8 | 7 | 6 | 8 | 7 | 6 | 8 | 7 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon Parasite Metazoan | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + | + | + | X | + |
| Intestine Large, Rectum Parasite Metazoan | + | + | + | + | + | X | + | + | + | + | + | X | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | | X | | X | | | | | | | | | | | | | | | X | | | | X |
| Clear Cell Focus | X | | X | X | | X | X | | X | X | X | | | | | | | X | X | | X | | X |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | X | | | |
| Fatty Change | | | | | | | | | | | | | | | | | | | | 3 | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatodiaphragmatic Nodule | | | | | | | | | | | | | | | | | | X | | | | | |
| Inflammation | | | | 1 | | 1 | | | | | | 1 | | | 2 | 1 | | | 1 | 2 | | 1 | |
| Mixed Cell Focus | | | | | | | | | | | | | | | X | | | | X | X | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| FISCHER 344 RATS MALE 75 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males (cont...) |
|--|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|-------------|--------------------|
| | 0728 | 0657 | 0772 | 0676 | 0777 | 0676 | 0777 | 0676 | 0777 | 0676 | 0777 | 0676 | 0777 | 0676 | 0777 | 0676 | 0777 | 0676 | 0777 | 0676 | 0777 | 0676 | 0777 | 0676 | | |
| Bile Duct, Hyperplasia | 2 | | 1 | | 2 | 2 | 1 | | | | 1 | 1 | | | 1 | 1 | | 1 | 1 | 1 | | 1 | | 1 | | |
| Hepatocyte, Necrosis | | | | 3 | | | | | | | | | | | 3 | | | | | 1 | | | | | | |
| Hepatocyte, Vacuolization Cytoplasmic | 1 | 1 | | 1 | | | | 1 | | | 1 | | | | | | 1 | 1 | | 2 | | | | | | |
| Kupffer Cell, Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Portal, Fibrosis | | | | 1 | | | | | | | | 1 | | | | | | | | | 1 | | | | | |
| Mesentery Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | + 3 | |
| Oral Mucosa Gingival, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | + 3 2 | |
| Pancreas Acinus, Atrophy | + 1 | + 2 | + 2 | + 2 | + 2 | + 2 | + 2 | + 3 | + 3 | + 1 | + 1 | + 4 | + 2 | + 2 | + 1 | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | | |
| Pancreas Acinus, Hyperplasia Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 1 2 | |
| Salivary Glands Inflammation | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | | |
| Stomach, Forestomach Inflammation | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | + 3 | + 2 | | |
| Stomach, Forestomach Ulcer Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 4 2 | |
| Stomach, Glandular Erosion Inflammation | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 | + 1 2 | | |
| Tongue | | | | | | | | | | | | | | | | | | | | | | | | | + + | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

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1) Minimal 3) Moderate

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| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------|-----------------------|-----------------------|
| FISCHER 344 RATS MALE 75 MG/KG | DAY ON TEST | 0 7 2 8 | 0 6 5 7 | 0 7 2 7 | 0 7 2 8 | 0 6 9 6 | 0 7 4 8 | 0 6 2 8 | 0 7 2 7 | 0 7 2 4 | 0 7 2 7 | 0 7 2 8 | 0 6 9 6 | 0 6 1 1 | 0 7 0 2 | 0 6 6 7 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 4 5 1 | 0 7 2 7 | males (cont...) | | |
| | ANIMAL ID | 0 0 1 5 1 | 0 0 1 5 2 | 0 0 1 5 3 | 0 0 1 5 4 | 0 0 1 5 5 | 0 0 1 5 6 | 0 0 1 5 7 | 0 0 1 5 8 | 0 0 1 5 9 | 0 0 1 6 0 | 0 0 1 6 1 | 0 0 1 6 2 | 0 0 1 6 3 | 0 0 1 6 4 | 0 0 1 6 5 | 0 0 1 6 6 | 0 0 1 7 7 | 0 0 1 7 8 | 0 0 1 7 9 | 0 0 1 7 0 | 0 0 1 7 1 | | 0 0 1 7 2 | 0 0 1 7 3 |

Epithelium, Hyperplasia

3

CARDIOVASCULAR SYSTEM

Blood Vessel

+ +

Heart

+ +

Cardiomyopathy

1 1 2 2 3 3 2 3 1 2 3 2 2 1 1 3 3 3 1 2 1 3

Atrium, Thrombosis

Myocardium, Inflammation

3

Valve, Thrombosis

Ventricle, Thrombosis

3 3

ENDOCRINE SYSTEM

Adrenal Cortex

+ +

Atrophy

Hyperplasia

2 1 2 2 1 4 2 1 1 2 1

Hypertrophy

Mineralization

1

Necrosis

4

Vacuolization Cytoplasmic

1 1 1 1 2 2

Capsule, Fibrosis, Focal

Adrenal Medulla

+ +

Angiectasis

Hemorrhage

Hyperplasia

1 1 1 1 1 4 1 1 4

Infiltration Cellular, Mononuclear Cell

2

Mineralization

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| FISCHER 344 RATS MALE 75 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males (cont...) | | |
|-----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|--------------------|-----------------------|--|
| | 0 7 2 8 | 0 6 5 7 | 0 7 2 7 | 0 7 2 8 | 0 6 9 6 | 0 7 2 4 | 0 6 4 8 | 0 7 2 4 | 0 6 2 8 | 0 7 2 7 | 0 6 2 4 | 0 7 2 8 | 0 6 2 7 | 0 7 2 4 | 0 6 2 8 | 0 7 2 7 | 0 6 2 4 | 0 7 2 8 | 0 6 2 7 | 0 7 2 4 | | | 0 6 2 8 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 0 1 5 1 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Islets, Pancreatic Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 3 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Pituitary Gland Hemorrhage | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Pars Distalis, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Thyroid Gland Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1 |
| C-cell, Hyperplasia | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | 3 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Preputial Gland Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 |
| Duct, Hyperplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Prostate Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

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M .. Missing tissue

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2) Mild 4) Marked

Experiment Number: 99032 - 03
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Pyrogallol
 CAS Number: 87-66-1

Date Report Requested: 05/30/2012
 Time Report Requested: 11:40:45
 First Dose M/F: 09/15/04 / 09/16/04
 Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FISCHER 344 RATS MALE 75 MG/KG | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 7 | 6 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 2 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 6 | 7 | 7 | 2 | 2 | 7 | 7 | 7 | 7 | 4 | 7 |
| | | 2 | 5 | 2 | 2 | 9 | 2 | 4 | 2 | 2 | 9 | 2 | 2 | 2 | 0 | 9 | 1 | 0 | 6 | 7 | 2 | 2 | 8 | 7 | 8 | 7 | 2 | 5 | 2 | |
| | | 8 | 7 | 7 | 8 | 6 | 8 | 4 | 8 | 7 | 4 | 8 | 7 | 6 | 6 | 1 | 2 | 7 | 7 | 7 | 8 | 8 | 8 | 7 | 8 | 7 | 1 | 7 | | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | | | | | |

**males
(cont...)**

Epithelium, Metaplasia, Squamous

1

Seminal Vesicle

+ +

Testes

+ +

Cyst

Bilateral, Germinal Epithelium, Atrophy

Germinal Epithelium, Atrophy

Interstitial Cell, Hyperplasia

2

1 2

4

2

2

2

1

HEMATOPOIETIC SYSTEM

Bone Marrow

+ +

Hyperplasia

4

Infiltration Cellular, Histiocyte

1

4

Lymph Node

Deep Cervical, Hemorrhage

+

+

Lymph Node, Mandibular

M M

Lymph Node, Mesenteric

Degeneration, Cystic

Hemorrhage

Infiltration Cellular, Histiocyte

2

1

Spleen

Hematopoietic Cell Proliferation

Hyperplasia, Lymphoid

Infarct

Thrombosis

+ +

2

2

1

3

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

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2) Mild 4) Marked

Experiment Number: 99032 - 03

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | males (cont...) |
|------------------------------|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| FISCHER 344 RATS MALE | | 7 | 6 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 2 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 6 | 7 | 7 | 7 |
| | | 2 | 5 | 2 | 2 | 9 | 2 | 4 | 2 | 2 | 9 | 2 | 2 | 2 | 0 | 9 | 1 | 0 | 6 | 2 | 2 | 2 |
| 75 MG/KG | | 8 | 7 | 7 | 8 | 6 | 8 | 4 | 8 | 7 | 4 | 8 | 7 | 7 | 6 | 6 | 1 | 2 | 7 | 7 | 8 | 8 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 |

Capsule, Fibrosis
Capsule, Inflammation

2

Thymus
Ectopic Parathyroid Gland
Epithelial Cell, Hyperplasia

+ + + + + + + + M + + + + M M + + + + + + + +

INTEGUMENTARY SYSTEM

Mammary Gland

+ +

Skin
Fibrosis
Hyperkeratosis
Hyperplasia
Inflammation
Ulcer

+ +

Control, Hyperkeratosis
Control, Hyperplasia
Control, Inflammation
Control, Sebaceous Gland, Hyperplasia
Sebaceous Gland, Site Of Application, Hyperplasia
Site Of Application, Hyperkeratosis
Site Of Application, Hyperplasia
Site Of Application, Inflammation
Site Of Application, Ulcer

2
2
2
1
1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1
2 1 2 1 2 1 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2
1 1 1 1 2 1 1 1 2 2 1 1 1 1 1 2 1 1 2 1 1 1 2
1 1 1 1 1 1 1 1 2 1 1 1 2 1 1 2 1 1 2 1 1 1 1

MUSCULOSKELETAL SYSTEM

Bone

+ +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| FISCHER 344 RATS MALE 75 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males (cont...) |
|-----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|--------------------|
| | 0 7 2 8 | 0 6 5 7 | 0 7 2 7 | 0 7 2 8 | 0 6 9 2 | 0 7 8 4 | 0 6 7 8 | 0 7 2 8 | 0 6 2 4 | 0 7 2 8 | 0 7 2 7 | 0 7 2 7 | 0 7 2 7 | 0 6 2 7 | 0 6 6 1 | 0 7 1 2 | 0 6 6 7 | 0 7 2 7 | 0 7 2 7 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 4 5 1 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |

Fibrosis
Osteopetrosis

1
3

NERVOUS SYSTEM

Brain
Hemorrhage
Cerebrum, Inflammation

+
2
1

RESPIRATORY SYSTEM

Lung
Inflammation
Alveolar Epithelium, Hyperplasia
Alveolus, Infiltration Cellular, Histiocyte

+
1 2 1 1 2 1
2 1 2 1
1

Nose
Inflammation
Nasolacrimal Duct, Inflammation

+
1 2 3 2 2 2 3 2 2 2 2 4
2

Trachea

+ +

SPECIAL SENSES SYSTEM

Eye
Cataract
Retina, Atrophy

+
3
3

Harderian Gland
Inflammation

+
1

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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| DAY ON TEST | FISCHER 344 RATS MALE | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males (cont...) |
|-------------|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 7 | 6 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 2 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 6 | 7 | 7 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | |
| 2 | 5 | 2 | 2 | 9 | 2 | 4 | 2 | 2 | 9 | 2 | 2 | 2 | 0 | 9 | 1 | 0 | 6 | 2 | 2 | 2 | 2 | 2 | 2 | 5 | 2 | 0 | |
| 8 | 7 | 7 | 8 | 6 | 8 | 4 | 8 | 7 | 4 | 8 | 7 | 7 | 6 | 6 | 1 | 2 | 7 | 7 | 8 | 7 | 8 | 8 | 1 | 7 | 0 | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 0 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 0 | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Cyst, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Tubular | | | | | | | | | | 1 | | | | | | 4 | 1 | | | | | | | | | | 3 |
| Inflammation | | | | | | | | | | | | | | | | | | 2 | | | | | 2 | | | | |
| Nephropathy | 2 | 3 | 1 | 2 | 2 | 3 | 2 | 2 | 4 | | 3 | 1 | 2 | 3 | 4 | 1 | 3 | 2 | 2 | 2 | 2 | 3 | 1 | | 3 | | |
| Pelvis, Calculus Micro Observation Only | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Urethra | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bulbourethral Gland, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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 X .. Lesion present
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|------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|
| FISCHER 344 RATS MALE | DAY ON TEST | 0727 | 0728 | 0727 | 0728 | 0727 | 0626 | 0626 | 0727 | 0727 | 0726 | 0626 | 0727 | 0525 | 0728 | 0625 | 0626 | 0626 | 0525 | 0626 | 0626 | 0728 | 0727 | 0727 | 0424 | * TOTALS |
| | ANIMAL ID | 00176 | 00178 | 00177 | 00178 | 00177 | 00172 | 00173 | 00174 | 00175 | 00176 | 00177 | 00178 | 00179 | 00180 | 00181 | 00182 | 00183 | 00184 | 00185 | 00186 | 00187 | 00188 | 00189 | 00190 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------------------|----------------------------------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Colon Parasite Metazoan | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 6 | |
| Intestine Large, Rectum Parasite Metazoan | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 4 | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Jejunum Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 2 | 1 2.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | X | 8 |
| Clear Cell Focus | X | X | X | X | X | | | | | | | | | | | | | | | | | | | | | X | 21 |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 |
| Eosinophilic Focus | X | | | | | | | | | | | | | | | | | | | | | | | | | X | 2 |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 3.0 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2 1.0 |
| Hepatodiaphragmatic Nodule | | | | | | | | | | | | | | | | | | | | | | | | | | X | 4 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1 1 | 1 1 1 |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | X | 5 |

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|---------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|----|-----|
| | 0727 | 0727 | 0728 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | | | |
| ANIMAL ID | 00176 | 00177 | 00178 | 00179 | 00180 | 00181 | 00182 | 00183 | 00184 | 00185 | 00186 | 00187 | 00188 | 00189 | 00190 | 00191 | 00192 | 00193 | 00194 | 00195 | 00196 | 00197 | 00198 | 00199 | 00200 | | |
| Bile Duct, Hyperplasia | 1 | | | 1 | | 1 | | | | 1 | 1 | 1 | | | | | 1 | | | | 1 | 1 | 1 | | 1 | 26 | 1.1 |
| Hepatocyte, Necrosis | 1 | | | | | 1 | | | | | | | | | | | | | | | | | | | | 5 | 1.8 |
| Hepatocyte, Vacuolization Cytoplasmic | 2 | 1 | | | 1 | | | | | 1 | 1 | | | | 1 | | | | | | | | 1 | 1 | | 18 | 1.1 |
| Kupffer Cell, Pigmentation | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Portal, Fibrosis | 1 | | | | | | | | | | | | | | | | | | | | | | 1 | | | 6 | 1.0 |
| Mesentery Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 3.0 |
| Oral Mucosa Gingival, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2.7 |
| Pancreas Acinus, Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Acinus, Hyperplasia | 2 | 3 | 3 | 2 | | 1 | 1 | 3 | 1 | 1 | | | 1 | | 2 | 3 | | 3 | 1 | | 1 | 4 | 1 | | 1 | 31 | 2.0 |
| Duct, Cyst | | | | 3 | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1.5 |
| Salivary Glands Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Stomach, Forestomach Inflammation | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Ulcer | | | | | | | 2 | | | | | | | | | | 1 | | | | | 2 | | | 2 | 5 | 1.8 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | 3 | | | | | | 4 | | | | 4 | 3.5 |
| | | | | | | | 2 | | 1 | | | | | | | 2 | | | | | | 3 | | | 2 | 6 | 2.0 |
| Stomach, Glandular Erosion | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2.0 |
| | | | | | | | | | | | | | | | | | 1 | | | | | | | | 1 | 3 | 1.0 |
| Tongue | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |

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| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|---|
| FISCHER 344 RATS MALE | DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 6 | 6 | 7 | 5 | 7 | 6 | 6 | 6 | 5 | 6 | 7 | 7 | 7 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 8 | 2 | 2 | 2 | 4 | 7 | 0 | 5 | 2 | 5 | 5 | 9 | 8 | 3 | 2 | 2 | 9 |
| 75 MG/KG | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |

Epithelium, Hyperplasia

1 3.0

CARDIOVASCULAR SYSTEM

Blood Vessel

+ **50**

Heart

+ **50**

Cardiomyopathy

3 1 3 2 2 3 3 3 1 2 1 1 2 4 2 3 1 3 1 3 2 2 3 2 2 **47 2.1**

Atrium, Thrombosis

1 2 **1 4.0**

Myocardium, Inflammation

1 3.0

Valve, Thrombosis

4 **1 4.0**

Ventricle, Thrombosis

2 3.0

ENDOCRINE SYSTEM

Adrenal Cortex

+ **50**

Atrophy

4 **1 4.0**

Hyperplasia

2 2 1 2 2 2 1 1 1 1 1 1 1 **20 1.5**

Hypertrophy

3 **4 2.3**

Mineralization

1 1.0

Necrosis

1 4.0

Vacuolization Cytoplasmic

2 2 1 2 1 1 1 1 3 2 1 1 1 **19 1.4**

Capsule, Fibrosis, Focal

2 **1 2.0**

Adrenal Medulla

+ **50**

Angiectasis

2 **1 2.0**

Hemorrhage

3 **1 3.0**

Hyperplasia

3 1 3 2 2 2 2 2 **18 1.8**

Infiltration Cellular, Mononuclear Cell

1 2.0

Mineralization

2 **1 2.0**

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| | 0727 | 0727 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | | |
| ANIMAL ID | 00176 | 00177 | 00178 | 00179 | 00180 | 00181 | 00182 | 00183 | 00184 | 00185 | 00186 | 00187 | 00188 | 00189 | 00190 | 00191 | 00192 | 00193 | 00194 | 00195 | 00196 | 00197 | 00198 | 00199 | 00200 | |
| Islets, Pancreatic Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Pituitary Gland Hemorrhage | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 | |
| Pars Distalis, Atrophy | | | | | | | 4 | | | | | 4 | | | | | | | | | | | | | 3 4.0 | |
| Pars Distalis, Cyst | | | 1 | | | | | | 1 | | | | | | | | | | 1 | | | | | | 4 1.0 | |
| Pars Distalis, Hyperplasia | 3 | 1 | | 4 | | | | 1 | | | | | | 2 | | | 1 | | 2 | | | 2 | | | 13 2.2 | |
| Thyroid Gland Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| C-cell, Hyperplasia | | | | | | 1 | 1 | | | 2 | 1 | 2 | 1 | | | | | | 3 | 3 | | | | | 18 1.8 | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Preputial Gland Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Duct, Hyperplasia, Squamous | | | 1 | | | | | | | | | | | | | | | | 2 | | | | 3 | | 7 1.7 | |
| Prostate Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Epithelium, Hyperplasia | 3 | | | 1 | | 2 | 2 | 1 | 3 | 1 | 3 | 1 | 3 | | 1 | 3 | 1 | 1 | 3 | 1 | 3 | 2 | 3 | 2 | 1 | 44 1.9 |
| | | | | | | | | | | | 2 | | | | | | | | | | | | 1 | | 5 1.4 | |

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Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| FISCHER 344 RATS MALE 75 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|-------|
| | 07778 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | | 0778 | 0778 | | | | |
| ANIMAL ID | 00176 | 00177 | 00178 | 00179 | 00180 | 00181 | 00182 | 00183 | 00184 | 00185 | 00186 | 00187 | 00188 | 00189 | 00190 | 00191 | 00192 | 00193 | 00194 | 00195 | 00196 | 00197 | 00198 | 00199 | 00200 | | |
| Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Bilateral, Germinal Epithelium, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Germinal Epithelium, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 9 2.6 | |
| Interstitial Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 8 1.5 | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 3.9 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| Deep Cervical, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Lymph Node, Mandibular | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 2.0 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.5 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

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|-----------------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
| FISCHER 344 RATS MALE 75 MG/KG | DAY ON TEST | 07 | 07 | 07 | 07 | 07 | 07 | 06 | 06 | 07 | 07 | 07 | 06 | 06 | 07 | 05 | 07 | 06 | 06 | 05 | 06 | 07 | 07 | 07 | 04 | * TOTALS |
| | ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| | | 17 | 17 | 17 | 17 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | |

| | | |
|---------------|---|-----|
| Fibrosis | 1 | 1.0 |
| Osteopetrosis | 1 | 3.0 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.5 |
| Cerebrum, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 1.1 |
| Alveolar Epithelium, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | | | 6 | 1.5 |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1.3 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 18 | 1.9 |
| Nasolacrimal Duct, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Retina, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
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|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|--|
| FISCHER 344 RATS MALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS | | |
| | | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 6 | 6 | 7 | 5 | 7 | 6 | 6 | 6 | 5 | 6 | 7 | 7 | 7 | | 4 | |
| | | 2 | 2 | 2 | 2 | 2 | 9 | 8 | 2 | 2 | 2 | 4 | 7 | 0 | 5 | 2 | 5 | 5 | 9 | 8 | 3 | 2 | 2 | 2 | | 9 | |
| 75 MG/KG | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | | |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|---------------|--------------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Cyst, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Hyperplasia, Tubular | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Nephropathy | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 4 | 2 | 3 | 2 | 3 | 3 | | 48 2.3 | |
| Pelvis, Calculus Micro Observation Only | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Urethra | | | | | | | | | | | | | | | | | | | | + | | | | | | 1 | |
| Bulbourethral Gland, Hyperplasia | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | 1 4.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | 1 1.0 |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | 1 1.0 |

*** END OF MALE DATA ***

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

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I .. Insufficient tissue

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|--------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------------------|
| FISCHER 344 RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females (cont...) |
| | 0729 | 0641 | 0728 | 0633 | 0551 | 0669 | 0778 | 0779 | 0779 | 0119 | 0778 | 0668 | 0779 | 0779 | 0775 | 0779 | 0662 | 0779 | 0668 | 0779 | 0778 | 0772 | 0773 | 0550 | | |
| | 0020 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | 0022 | |
| 0 MG/KG | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0011 | 0012 | 0013 | 0014 | 0015 | 0016 | 0017 | 0018 | 0019 | 0020 | 0021 | 0022 | 0023 | 0024 | 0025 | 0026 | 0027 | 0028 | 0029 | 0030 | 0031 | 0032 | 0033 | 0034 | 0035 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Erosion | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation | | | | | 1 | | | | | | | | | | | | | | | | | | | |
| Parasite Metazoan | | | | | X | | | | | | | | | | | | | | | | | | | X |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parasite Metazoan | | | | | | | | | | | | | | | | | | | | | | X | | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parasite Metazoan | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Peyer's Patch, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | |
| Serosa, Fibrosis | | | | 1 | | | | | | | | | | | | | | | | | | | | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| Basophilic Focus | | X | X | | | | X | | X | | | X | | X | X | | X | X | | X | X | X | X | X |
| Clear Cell Focus | | | X | | X | | | X | X | | | | | | | | | | | X | | X | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | X | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
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|---------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0 7 2 9 | 0 6 4 1 | 0 7 2 8 | 0 6 3 3 | 0 5 5 1 | 0 6 0 9 | 0 7 2 9 | 0 7 2 8 | 0 7 2 9 | 0 1 2 9 | 0 7 2 8 | 0 6 9 5 | 0 6 6 8 | 0 7 2 9 | 0 7 0 5 | 0 7 2 9 | 0 6 5 2 | 0 7 8 9 | 0 6 2 9 | 0 7 2 8 | | 0 7 2 8 | 0 2 3 0 | 0 5 3 0 |
| ANIMAL ID | 0 0 2 0 1 | 0 0 2 0 2 | 0 0 2 0 3 | 0 0 2 0 4 | 0 0 2 0 5 | 0 0 2 0 6 | 0 0 2 0 7 | 0 0 2 0 8 | 0 0 2 0 9 | 0 0 2 1 0 | 0 0 2 1 1 | 0 0 2 1 1 | 0 0 2 1 1 | 0 0 2 1 1 | 0 0 2 1 1 | 0 0 2 1 1 | 0 0 2 1 1 | 0 0 2 1 1 | 0 0 2 2 0 | 0 0 2 2 1 | 0 0 2 2 2 | 0 0 2 2 3 | 0 0 2 2 4 | 0 0 2 2 5 |
| Fatty Change | | | | 3 | | | | | | | | | | | | | 2 | | | | | | | |
| Hepatodiaphragmatic Nodule | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | 2 | 1 | | | | | | | | 1 | 1 | | 1 | 1 | | | | | 1 | 1 | | 1 | 1 | |
| Mixed Cell Focus | | | | | X | | | | X | | | | | | | | | | | | | | | |
| Bile Duct, Hyperplasia | | | | 1 | | 1 | | | | | 1 | | 1 | | | | 1 | 1 | | | | 1 | | |
| Hepatocyte, Necrosis | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Vacuolization Cytoplasmic | 1 | | | | 2 | | | | | | 1 | 1 | | | | 1 | | | | | 1 | | | |
| Hepatocyte, Midzonal, Degeneration | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| Portal, Fibrosis | | | | | | | | | | | | | | | | | 1 | | | | 1 | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | 3 | | | | | 3 | | |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | | |
| Gingival, Cyst | | | | | | | | | | | | | | | | | | | | | | | | |
| Gingival, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Acinus, Atrophy | | | | 1 | 2 | | | | 2 | | | 1 | | | | 2 | | 1 | | | | 2 | 1 | |
| Acinus, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | |
| Duct, Cyst | | | 2 | | | | | | | | | | | | | 2 | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | 4 | 2 | | | | | | | 2 | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Erosion | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | females (cont...) |
|--------------------------------|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| FISCHER 344 RATS FEMALE | | 7 | 6 | 7 | 6 | 5 | 6 | 7 | 7 | 1 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 |
| | | 2 | 4 | 2 | 3 | 5 | 0 | 2 | 2 | 2 | 9 | 2 | 9 | 0 | 2 | 0 | 2 | 5 | 2 | 8 | 2 | 2 |
| 0 MG/KG | | 9 | 1 | 8 | 3 | 1 | 9 | 8 | 9 | 9 | 8 | 5 | 8 | 9 | 5 | 9 | 2 | 9 | 0 | 9 | 9 | 9 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 |

Inflammation

2

1

CARDIOVASCULAR SYSTEM

Blood Vessel

+ +

Heart

+ +

Cardiomyopathy

2 1 3 2 2 3 2 2 2 2 2 1 3 3 2 3 1 3 1 2 2 1 2

Inflammation

1

Atrium, Thrombosis

ENDOCRINE SYSTEM

Adrenal Cortex

+ +

Degeneration, Cystic

2

Hematopoietic Cell Proliferation

Hyperplasia

1 1 2 1 2 1 1 1 1 2 2 2 1 1 1

Hypertrophy

1 1 1 1 1 1 1 1 1 2 2 1 1 1 1

Vacuolization Cytoplasmic

2 1 1 1 2 1 1 1 1 1 1 1 1 1 1

Adrenal Medulla

+ +

Hyperplasia

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Islets, Pancreatic

+ +

Parathyroid Gland

+ +

Pituitary Gland

+ +

Hemorrhage

3 3 3 3 3 3 3 3 3 3 3 3 3 3 3

Pars Distalis, Cyst

4 4 1 1 4 3 1 1

Pars Distalis, Hyperplasia

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| FISCHER 344 RATS FEMALE | | 7 | 6 | 7 | 6 | 5 | 6 | 7 | 7 | 7 | 1 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 2 | 5 | |
| 0 MG/KG | | 2 | 4 | 2 | 3 | 5 | 0 | 2 | 2 | 2 | 9 | 2 | 9 | 0 | 2 | 2 | 0 | 2 | 5 | 2 | 8 | 2 | 2 | 3 | 3 | |
| ANIMAL ID | | 9 | 1 | 8 | 3 | 1 | 9 | 8 | 8 | 9 | 8 | 5 | 8 | 9 | 9 | 5 | 9 | 2 | 9 | 0 | 9 | 9 | 8 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

females (cont...)

Mediastinal, Hyperplasia, Plasma Cell

Lymph Node, Mandibular

Lymph Node, Mesenteric Degeneration, Cystic

Spleen

Thymus

INTEGUMENTARY SYSTEM

Mammary Gland Inflammation Duct, Cyst Duct, Hyperplasia, Cystic

Skin

MUSCULOSKELETAL SYSTEM

Bone Osteosclerosis Fibula, Tibia, Fracture

NERVOUS SYSTEM

Brain Hemorrhage Hydrocephalus

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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|--|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------------------------|
| FISCHER 344 RATS FEMALE 0 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | females (cont...) |
| | 0 7 | 0 6 | 0 7 | 0 6 | 0 5 | 0 6 | 0 7 | 0 7 | 0 7 | 0 1 | 0 7 | 0 6 | 0 6 | 0 7 | 0 7 | 0 7 | 0 7 | 0 6 | 0 7 | 0 6 | 0 7 | 0 7 | |
| | 2 9 | 4 1 | 2 8 | 3 3 | 5 1 | 0 9 | 2 9 | 2 8 | 2 9 | 9 9 | 2 8 | 9 5 | 0 8 | 2 9 | 2 9 | 0 5 | 2 9 | 5 2 | 2 9 | 8 0 | 7 9 | 7 8 | |
| ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | |
| 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | |
| 2 0 | 2 0 | 2 0 | 2 0 | 2 0 | 2 0 | 2 0 | 2 0 | 2 0 | 2 0 | 2 1 | 2 1 | 2 1 | 2 1 | 2 1 | 2 1 | 2 1 | 2 1 | 2 1 | 2 2 | 2 2 | 2 2 | 2 2 | |
| 0 1 | 0 2 | 0 3 | 0 4 | 0 5 | 0 6 | 0 7 | 0 8 | 0 9 | 0 0 | 0 1 | 0 1 | 0 1 | 0 1 | 0 1 | 0 1 | 0 1 | 0 1 | 0 1 | 0 2 | 0 2 | 0 2 | 0 2 | |

Cerebellum, Gliosis
Cerebrum, Necrosis

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| Inflammation | | | | | | | | | | | 1 | | | | | | | 1 | 2 | | 1 | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | 1 | 3 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation | | | | | | | | | | | 1 | | 3 | 2 | | | | | 3 | | 1 | 1 | 1 |
| Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | |
| Goblet Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | |
| Nasolacrimal Duct, Squamous Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | 1 | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | 1 | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Synechia | | | | | | | | | | | | | | | | | | | | | | | |
| Optic Nerve, Atrophy | | | | | | | | | | | | | | | | | | | | | | | |
| Retina, Atrophy | | | | | | | | | | | | | | | | | | | | | | | 4 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
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1-4 .. Lesion qualified as:
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2) Mild 4) Marked

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Species/Strain: RATS/F 344/N

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

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------------------|
| FISCHER 344 RATS FEMALE 0 MG/KG | DAY ON TEST | 07 29 | 06 41 | 07 28 | 06 33 | 05 51 | 06 69 | 07 79 | 07 88 | 07 99 | 01 00 | 07 08 | 06 05 | 06 08 | 07 09 | 07 05 | 07 09 | 06 22 | 07 29 | 06 80 | 07 09 | 07 28 | 07 38 | 07 00 | 07 25 | 07 30 | 07 03 | 07 00 | 07 05 | 07 03 | females (cont...) |
| | ANIMAL ID | 00 20 01 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | 00 00 00 | |
| | | 12 34 56 78 90 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Retina, Developmental Malformation

1

Harderian Gland
Hyperplasia
Inflammation
Metaplasia, Squamous

+ +

1

URINARY SYSTEM

Kidney
Inflammation
Nephropathy

Urinary Bladder

+
2 2 1 2 1 1 1 1 1 1 3 1 2 1 1 1 2 2 1 1 1 1 1 1
+ +

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|
| FISCHER 344 RATS FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * TOTALS | |
| | | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 5 | 6 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 5 | 7 | 6 | 7 | 7 | 7 | | 7 |
| | | 0 | 2 | 2 | 7 | 2 | 2 | 6 | 6 | 3 | 2 | 2 | 2 | 2 | 4 | 9 | 2 | 2 | 2 | 0 | 2 | 7 | 2 | 2 | 2 | | 2 |
| | | 2 | 9 | 8 | 4 | 9 | 8 | 4 | 1 | 6 | 8 | 9 | 8 | 8 | 6 | 1 | 9 | 9 | 8 | 5 | 9 | 2 | 8 | 8 | 8 | | 8 |
| 0 MG/KG | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----|-----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Erosion | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 | 1.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Parasite Metazoan | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Parasite Metazoan | | | | | | | X | | | | | | | | | | | | | X | | | | | | | 3 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Parasite Metazoan | | | X | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Peyer's Patch, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Serosa, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Basophilic Focus | | | X | X | X | X | | X | X | X | X | X | | | X | | X | X | X | | | X | | X | | 31 | |
| Clear Cell Focus | | | X | | | | | | | | | | | | X | | | | | | | | X | | | 9 | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | X | | | | | 2 | |

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+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
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| FISCHER 344 RATS FEMALE 0 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | |
|---------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|-------|--------|
| | 06022 | 07228 | 07228 | 06749 | 07728 | 06641 | 05616 | 06638 | 07728 | 07728 | 07728 | 06646 | 06671 | 07722 | 07722 | 06648 | 06655 | 07722 | 06672 | 07728 | | 07728 | 07728 | | | | |
| ANIMAL ID | 00226 | 00227 | 00228 | 00229 | 00230 | 00231 | 00232 | 00233 | 00234 | 00235 | 00236 | 00237 | 00238 | 00239 | 00240 | 00241 | 00242 | 00243 | 00244 | 00245 | 00246 | 00247 | 00248 | 00249 | 00250 | | |
| Fatty Change | 3 | | | | | | | | | | | | | | | | | | | | | | | | | 4 2.5 | |
| Hepatodiaphragmatic Nodule | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Inflammation | 3 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | | | | | | | | | 1 | | | | | | | | 23 1.1 |
| Mixed Cell Focus | | | | | | X | | | | | | X | | | | | | | | | | | | X | | | 5 |
| Bile Duct, Hyperplasia | | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 10 1.0 |
| Hepatocyte, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | 1 | | | 2 | | | | 1 | | | | | | | | | | | | | 2 | 1 | 12 1.3 |
| Hepatocyte, Midzonal, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Portal, Fibrosis | | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | | 4 1.0 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 3.0 |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Gingival, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Gingival, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Acinus, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 1.4 |
| Acinus, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.0 |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 2.0 |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 3.2 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.0 |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Erosion | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

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|-------------|-------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
| | 06 | 07 | 07 | 06 | 07 | 07 | 06 | 05 | 06 | 07 | 07 | 07 | 07 | 06 | 06 | 07 | 07 | 07 | 05 | 07 | 06 | 07 | 07 | 07 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2 | 2 | 2 | 2 | 7 | 2 | 2 | 6 | 6 | 3 | 2 | 2 | 2 | 2 | 4 | 9 | 2 | 2 | 2 | 0 | 2 | 7 | 2 | 2 | 2 | |
| 2 | 9 | 8 | 8 | 4 | 9 | 8 | 4 | 1 | 6 | 8 | 9 | 8 | 6 | 1 | 9 | 9 | 8 | 5 | 9 | 2 | 8 | 8 | 8 | 8 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |

Inflammation

2 1.5

CARDIOVASCULAR SYSTEM

Blood Vessel

+ 50

Heart

+ 50

Cardiomyopathy

2 2 2 2 2 2 1 2 2 2 2 1 2 2 2 2 3 1 3 1 2 2 44 2.0

Inflammation

1 1.0

Atrium, Thrombosis

3 1 3.0

ENDOCRINE SYSTEM

Adrenal Cortex

+ 50

Degeneration, Cystic

2 2 2 2 2 2 2 2 2 2 1 3 2 3 8 2.1

Hematopoietic Cell Proliferation

2 1 2 2 2 1 1 2 2 2 2 1 2 2 2 1 2 2 2 29 1.6

Hyperplasia

2 2 1 2 1 1 3 1 1 2 1 2 1 1 17 1.2

Hypertrophy

1 1 1 1 1 1 3 2 3 2 14 1.6

Vacuolization Cytoplasmic

3 1 1 2 3 2 14 1.6

Adrenal Medulla

+ 50

Hyperplasia

1 2 2 5 1.4

Islets, Pancreatic

+ 50

Parathyroid Gland

+ + + + + + + + + + + + + + + + M + + + + + + 49

Pituitary Gland

+ 50

Hemorrhage

1 3.0

Pars Distalis, Cyst

4 4 4 4 3.8

Pars Distalis, Hyperplasia

2 4 2 1 1 4 2 2 2 3 4 19 2.4

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Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| DAY ON TEST | FISCHER 344 RATS FEMALE | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|-------------|-------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|----|----|----|----|----|
| | 06 | 07 | 07 | 06 | 07 | 07 | 06 | 05 | 06 | 07 | 07 | 07 | 07 | 06 | 06 | 07 | 07 | 07 | 05 | 07 | | 06 | 07 | 07 | 07 | 07 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | |
| 0 MG/KG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | |
| | 22 | 22 | 22 | 22 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 44 | 55 | |
| | 67 | 88 | 99 | 00 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 00 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 00 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------|
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| C-cell, Hyperplasia | 2 | 3 | | | 3 | 1 | | | | 1 | 3 | | | 1 | 2 | | 1 | | | | 1 | 1 | 1 | 2 | 1 | 22 1.5 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 3 3.0 |
| Inflammation | | | | | | | | | | | | | | | 2 | | | | | | | | | | 3 2.0 |
| Duct, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.3 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation | | | | | | | | | | | | | | | 1 | | | | | | | | | | 3 2.3 |
| Cervix, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Endometrium, Hyperplasia, Cystic | | | | | | 2 | | | | | | | | | | | | 2 | | | | | | 1 | 5 1.8 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Hyperplasia | | | | | | | 4 | | | | | | | 4 | | | 4 | 3 | | | 4 | | 3 | | 10 3.1 |
| Lymph Node | + | | | | | | | | | | | | | | | | | | | | | | + | | 3 |
| Deep Cervical, Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | 3 | | 1 3.0 |
| Mediastinal, Hemorrhage | 3 | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99032 - 03

Test Type: CHRONIC

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Species/Strain: RATS/F 344/N

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| FISCHER 344 RATS FEMALE 0 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--|
| | 06022 | 07728 | 07728 | 06749 | 07728 | 06641 | 05666 | 06728 | 07728 | 07728 | 07728 | 06646 | 06679 | 07722 | 07722 | 07722 | 07722 | 05009 | 06722 | 06728 | 07728 | 07728 | 07728 | | | |
| ANIMAL ID | 00226 | 00227 | 00228 | 00229 | 00230 | 00231 | 00232 | 00233 | 00234 | 00235 | 00236 | 00237 | 00238 | 00239 | 00240 | 00241 | 00242 | 00243 | 00244 | 00245 | 00246 | 00247 | 00248 | 00249 | | |
| Mediastinal, Hyperplasia, Plasma Cell | 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Lymph Node, Mandibular | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 | |
| Lymph Node, Mesenteric Degeneration, Cystic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 3 2.0 | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 3.0 | |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | | |
| Duct, Hyperplasia, Cystic | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Osteosclerosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 2.0 | |
| Fibula, Tibia, Fracture | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain Hemorrhage | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 3.0 | |
| Hydrocephalus | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

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| DAY ON TEST | FISCHER 344 RATS FEMALE | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------|-------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
| | 06 | 07 | 07 | 06 | 07 | 07 | 06 | 05 | 06 | 07 | 07 | 07 | 07 | 06 | 06 | 07 | 07 | 07 | 05 | 07 | 06 | 07 | 07 | 07 | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 |
| 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|-----|-----|
| Cerebellum, Gliosis | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Cerebrum, Necrosis | | | | | | | | 3 | | | | | | | | | | | | | | | | | | 1 | 3.0 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 |
| Inflammation | | | | | 2 | | | | | | 1 | | | | | | | | | | | | | | | 8 | 1.3 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | 1.0 |
| Alveolar Epithelium, Hyperplasia | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 6 | 2.0 |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Inflammation | | | | 1 | 3 | | | | | | 2 | | | | | | | | | | | | | | | 11 | 1.7 |
| Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Thrombosis | | | | | | | | | | | | | | | | 3 | | | | | | | | | | 1 | 3.0 |
| Goblet Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 2 | 1.5 |
| Nasolacrimal Duct, Squamous Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Cataract | | | | | 3 | | | | | | | | | | | | | | | | | | | | | 3 | 3.0 |
| Synechia | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3.0 |
| Optic Nerve, Atrophy | | | | | 3 | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Retina, Atrophy | | | | | 4 | | | | | | | | | | | | | | | | | | | | | 4 | 4.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
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|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| FISCHER 344 RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 5 | 6 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 5 | 7 | 6 | 7 | 7 | 7 | |
| 0 MG/KG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | |

Retina, Developmental Malformation

1 1.0

Harderian Gland

+ +

50

Hyperplasia

1 1.0

Inflammation

1 1.0

Metaplasia, Squamous

1 1.0

URINARY SYSTEM

Kidney

+ +

50

Inflammation

1 1.0

Nephropathy

2 1 2 1 2 1 2 2 1 1 2 2 1 1 1 1 2 3 2 1 3 46 1.5

Urinary Bladder

+ +

50

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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| FISCHER 344 RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females (cont...) | | |
|-------------------------|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------------------|----------|----------|
| | 07 28 | 07 29 | 04 39 | 05 57 | 02 98 | 07 15 | 06 61 | 07 72 | 06 89 | 07 93 | 07 08 | 07 19 | 07 22 | 07 28 | 07 38 | 07 48 | 07 55 | 06 68 | 07 78 | 07 89 | 05 92 | 07 01 | 07 12 | 07 23 | | 07 34 | 07 45 |
| 5 MG/KG | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 00 51 | 00 52 | 00 53 | 00 54 | 00 55 | 00 56 | 00 57 | 00 58 | 00 59 | 00 60 | 00 61 | 00 62 | 00 63 | 00 64 | 00 65 | 00 66 | 00 67 | 00 68 | 00 69 | 00 70 | 00 71 | 00 72 | 00 73 | 00 74 | 00 75 | 00 76 | 00 77 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum Ulcer | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon Parasite Metazoan | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum Parasite Metazoan | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | X | X | | | | X | | X | X | X | | X | X | X | | X | X | X | | X | | X | | X | | X | | X | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | X | | X | | | | | | | | | | | | | | | |
| Fatty Change | | | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatodiaphragmatic Nodule | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | 1 | 1 | | 1 | 2 | | 2 | | 1 | 1 | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
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|------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------|
| | 0 7 2 8 | 0 7 2 9 | 0 4 3 9 | 0 5 5 7 | 0 2 9 8 | 0 7 1 5 | 0 6 6 1 | 0 7 2 9 | 0 7 2 9 | 0 5 9 3 | 0 7 2 8 | 0 7 2 8 | 0 7 2 9 | 0 7 2 8 | 0 7 2 9 | 0 6 9 5 | 0 7 2 8 | 0 7 2 9 | 0 5 6 1 | 0 7 2 9 | 0 7 2 2 | 0 7 2 3 | 0 7 2 4 | 0 7 2 5 | | |
| ANIMAL ID | 0 0 5 1 | 0 0 5 2 | 0 0 5 3 | 0 0 5 4 | 0 0 5 5 | 0 0 5 6 | 0 0 5 7 | 0 0 5 8 | 0 0 5 9 | 0 0 6 0 | 0 0 6 1 | 0 0 6 2 | 0 0 6 3 | 0 0 6 4 | 0 0 6 5 | 0 0 6 6 | 0 0 6 7 | 0 0 6 8 | 0 0 6 9 | 0 0 7 0 | 0 0 7 1 | 0 0 7 2 | 0 0 7 3 | 0 0 7 4 | 0 0 7 5 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cardiomyopathy | 1 | 2 | 1 | 1 | 1 | 3 | 2 | 2 | 2 | | 1 | 1 | 2 | 3 | 2 | 2 | 2 | 1 | | 2 | 1 | 2 | 1 | 2 | 2 | |
| Atrium, Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Myocardium, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Degeneration, Cyst | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 |
| Hyperplasia | 1 | | | | | 1 | 1 | 2 | 1 | 2 | | 2 | | 1 | | 1 | 1 | 1 | | | | | 1 | 1 | 3 |
| Hypertrophy | 2 | 1 | | | | 2 | | | | 1 | 1 | | | 3 | | 3 | 1 | | | | | | 1 | | 1 |
| Vacuolization Cytoplasmic | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | 1 | 4 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Pars Distalis, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| C-cell, Hyperplasia | 3 | 1 | | | | 1 | | 1 | 1 | 1 | 1 | 1 | | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | | 1 | |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 2 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99032 - 03
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Pyrogallol
 CAS Number: 87-66-1

Date Report Requested: 05/30/2012
 Time Report Requested: 11:40:45
 First Dose M/F: 09/15/04 / 09/16/04
 Lab: BAT

| FISCHER 344 RATS FEMALE 5 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females (cont...) | | |
|------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|-----------------------|--|
| | 0 7 2 8 | 0 7 2 9 | 0 4 3 9 | 0 5 5 7 | 0 2 9 8 | 0 7 1 5 | 0 6 6 1 | 0 7 2 9 | 0 7 2 9 | 0 5 9 3 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 7 2 9 | 0 7 2 8 | 0 6 9 5 | 0 7 2 8 | 0 7 1 2 | 0 5 6 1 | 0 7 2 9 | | | 0 7 2 8 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 0 2 5 1 | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland Hyperplasia Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Ovary Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus Hemorrhage Endometrium, Hyperplasia, Cystic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Vagina Inflammation | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node Mediastinal, Congestion Mediastinal, Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
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Experiment Number: 99032 - 03
 Test Type: CHRONIC
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 First Dose M/F: 09/15/04 / 09/16/04
 Lab: BAT

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | females (cont...) | | | | |
|--------------------------------|------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|---|---|---|---|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | | |
| FISCHER 344 RATS FEMALE | | 7 | 7 | 4 | 5 | 2 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 0 | 7 | |
| | | 2 | 2 | 3 | 5 | 9 | 1 | 6 | 2 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 2 | 2 | 1 | 6 | 2 | 2 | 2 | |
| | | 8 | 9 | 9 | 7 | 8 | 5 | 1 | 9 | 9 | 3 | 8 | 9 | 8 | 9 | 8 | 9 | 5 | 8 | 9 | 2 | 1 | 6 | 2 | 2 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 5 MG/KG | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lymph Node, Mesenteric Infiltration Cellular, Histiocyte Inflammation | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen Hematopoietic Cell Proliferation Hyperplasia, Lymphoid Infarct Pigmentation, Hemosiderin Lymphoid Follicle, Atrophy | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland Inflammation Duct, Cyst | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| Skin Hyperkeratosis Site Of Application, Hyperkeratosis Site Of Application, Hyperplasia Site Of Application, Inflammation | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

NERVOUS SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|
| FISCHER 344 RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females (cont...) |
| | 0728 | 0729 | 0729 | 0735 | 0729 | 0727 | 0726 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | 0727 | |
| 5 MG/KG | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | females (cont...) |
| | 0051 | 0052 | 0053 | 0054 | 0055 | 0056 | 0057 | 0058 | 0059 | 0060 | 0061 | 0062 | 0063 | 0064 | 0065 | 0066 | 0067 | 0068 | 0069 | 0070 | 0071 | 0072 | 0073 | 0074 | 0075 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydrocephalus | | | | | | 2 | | | | 2 | | | | | | | | | | | | 1 | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Larynx | | | | | | | | | | | | | | | | | | | | | | | | | |
| Foreign Body | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | 1 | | 1 | | | | | | | 1 | | | | 1 | 1 | | | | | | 1 | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | 4 | | | | | | 1 | | | | | | 1 | 2 | |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Serosa, Fibrosis | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation | | 1 | | | | | | | | 2 | 3 | | | 2 | | 2 | | | | | | 3 | | 1 | 3 |
| Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| Goblet Cell, Hyperplasia | | | | | | | | | | | 1 | | | | | | | | | | | | 2 | | |
| Nasolacrimal Duct, Inflammation | | 3 | | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Squamous Epithelium, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vomeranasal Organ, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
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Experiment Number: 99032 - 03

Test Type: CHRONIC

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Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ANIMAL ID | females (cont...) |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------------------|
| | 7 | 7 | 4 | 5 | 2 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 7 | | | |
| FISCHER 344 RATS FEMALE | 2 | 2 | 3 | 5 | 9 | 1 | 6 | 2 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 2 | 2 | 1 | 6 | 2 | 2 | 0 | 0 | |
| | 8 | 9 | 9 | 7 | 8 | 5 | 1 | 9 | 9 | 3 | 8 | 9 | 8 | 8 | 9 | 5 | 8 | 9 | 2 | 1 | 6 | 2 | 2 | 0 | 0 | |
| 5 MG/KG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 0 | 0 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 0 | 0 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Cataract | | | | | | | | | | | | | | | | | | | 4 | | | | 3 | |
| Synechia | | | | | | | | | | | | | | | | | | | 2 | | | | | |
| Bilateral, Retina, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | |
| Retina, Atrophy | | | | | | | | | | | | | | | | | | | | | 3 | | 3 | |
| Retina, Dysplasia | | | | | | | | | | | | | | | | | | | 2 | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | | | | | | | | | 1 | | | 3 | | | | | | | | | | | | |
| Inflammation | | | | 1 | | | | | | | | | | 2 | | | | | | 1 | | 2 | | |
| Pigmentation, Porphyrin | | | | | | | 2 | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Cyst | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Infiltration Cellular, Lipocyte | | | | | | | | | | | | 4 | | | | | | | | | | | | | |
| Nephropathy | 1 | 2 | 1 | | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | 2 | 3 | 2 | 3 | 2 | 3 | | 1 | 2 | 1 | 1 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | 1 | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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Lab: BAT

| FISCHER 344 RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|----------|
| | 07 | 07 | 07 | 07 | 07 | 06 | 06 | 07 | 07 | 06 | 06 | 07 | 07 | 07 | 07 | 05 | 07 | 07 | 06 | 05 | 07 | 07 | 07 | | |
| 5 MG/KG | 29 | 11 | 29 | 28 | 29 | 66 | 65 | 72 | 79 | 65 | 64 | 78 | 79 | 78 | 29 | 23 | 88 | 98 | 68 | 22 | 29 | 28 | 28 | 50 | |
| ANIMAL ID | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Cecum Ulcer | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 2.0 |
| Intestine Large, Colon Parasite Metazoan | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 5 |
| Intestine Large, Rectum Parasite Metazoan | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 8 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Ileum Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 2.0 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Basophilic Focus | X | | X | | X | X | | | | | X | X | X | X | X | X | X | X | X | | X | X | | 34 | |
| Clear Cell Focus | | | | | | | | | | X | | | | | | | | | | | | | | 1 | |
| Degeneration, Cystic | | | | | 1 | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Eosinophilic Focus | | | | | | | | | | | | X | X | | | | | | | | | | | 4 | |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Hepatodiaphragmatic Nodule Inflammation | | | | | | | | | | | | | | | | | X | | | | | X | | 6 | |
| | | | 1 | | 1 | 1 | 1 | 1 | | | | 1 | 1 | | | 1 | 1 | | | | 1 | 1 | | 26 | 1.2 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| FISCHER 344 RATS FEMALE 5 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|------|----------|
| | 079 | 071 | 072 | 078 | 079 | 066 | 067 | 068 | 069 | 075 | 076 | 077 | 078 | 079 | 054 | 077 | 078 | 066 | 057 | 077 | | 077 | 077 | | |
| ANIMAL ID | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | 0099 | |
| Mixed Cell Focus | | X | | | | | | | X | | | | | | X | | | | | | | | | | 5 |
| Bile Duct, Hyperplasia | | | | | | | | | | | 1 | | | | | | | | 1 | | | | | | 7 1.0 |
| Hepatocyte, Hypertrophy | | | | | | | | | | | | | | | | | | | 2 | | | | | | 1 2.0 |
| Hepatocyte, Necrosis | | | | | | | | | | | | | | | 1 | | | | | | | | | | 1 1.0 |
| Hepatocyte, Vacuolization Cytoplasmic Portal, Fibrosis | 1 | 1 | | | 1 | | | | 1 | 1 | | | 1 | | | | | 1 | 1 | 2 | | | 1 | | 15 1.1 |
| Mesentery Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 11 3.0 |
| Oral Mucosa Gingival, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 2 1 4.0 |
| Gingival, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Pancreas Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 50 1 |
| Acinus, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 13 2.0 |
| Acinus, Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | | | | | | 8 1.6 |
| Duct, Cyst | 1 | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Stomach, Forestomach Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | 50 3 4.0 |
| Stomach, Glandular Erosion | | | | | | | | | | | | | | | | | | | | | | | | | 50 1 3.0 |

CARDIOVASCULAR SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| FISCHER 344 RATS FEMALE 5 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|--|--|
| | 079 | 071 | 072 | 072 | 072 | 076 | 076 | 077 | 077 | 076 | 076 | 077 | 077 | 077 | 077 | 077 | 075 | 077 | 077 | 076 | 075 | 077 | 077 | 077 | | | |
| ANIMAL ID | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | 0099 | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Cardiomyopathy | 1 | 4 | | 2 | 3 | 1 | 3 | 1 | 2 | 3 | 1 | 1 | 2 | 1 | 1 | 2 | | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 45 1.7 | | |
| Atrium, Thrombosis | | | | | | | | | | | | | | | | | | | | | | | 4 | | 1 4.0 | | |
| Myocardium, Inflammation | | | | | | | | | | 1 | | | | | | | | | | | | | | | 1 1.0 | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | 3 | | | 3 | | | | 4 2.5 | | |
| Hyperplasia | 1 | | 2 | 2 | 1 | | | | | | | 2 | | 2 | 2 | | | 2 | 1 | | | | 1 | | 24 1.5 | | |
| Hypertrophy | | | | | 1 | | | | | | | | | 2 | | 1 | | | 1 | 1 | | | | | 15 1.5 | | |
| Vacuolization Cytoplasmic | 1 | | 1 | 1 | | | | 2 | 2 | 2 | | | 1 | | | | | | | 1 | 2 | | | | 13 1.5 | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hyperplasia | | | | | | | | 1 | | | | | | | | | | | | | | | | | 1 1.0 | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Pars Distalis, Cyst | | | | | 4 | | | | | | | | | | | | | | | | | 4 | 3 | | 8 3.1 | | |
| Pars Distalis, Hyperplasia | | 1 | | 3 | 2 | | | | | | 2 | | | | 3 | 1 | | 2 | 4 | | | | | | 16 2.6 | | |
| Pars Distalis, Inflammation | | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 1.0 | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| C-cell, Hyperplasia | 1 | | 1 | 2 | 2 | | | | 1 | | | 1 | 1 | 1 | 1 | 1 | | | 1 | 2 | | | 1 | | 31 1.4 | | |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------------|
| FISCHER 344 RATS FEMALE | DAY ON TEST | 0 7 | 0 7 | 0 7 | 0 7 | 0 7 | 0 6 | 0 6 | 0 7 | 0 7 | 0 6 | 0 6 | 0 7 | 0 7 | 0 7 | 0 5 | 0 7 | 0 7 | 0 6 | 0 5 | 0 7 | 0 7 | 0 7 | 0 7 | 0 7 | 0 7 | * TOTALS |
| | 5 MG/KG | 2 9 | 1 9 | 2 8 | 2 9 | 2 6 | 2 6 | 2 7 | 2 9 | 2 9 | 2 5 | 2 4 | 2 8 | 2 9 | 2 8 | 2 9 | 2 3 | 2 4 | 2 8 | 2 9 | 2 6 | 2 7 | 2 9 | 2 9 | 2 8 | 2 9 | |
| | ANIMAL ID | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----------|--------------|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 4 2.3 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 3.0 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Endometrium, Hyperplasia, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 5 2.0 |
| Vagina | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 6 3.8 |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Mediastinal, Congestion | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Mediastinal, Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Lymph Node, Mandibular | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

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Experiment Number: 99032 - 03

Test Type: CHRONIC

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Species/Strain: RATS/F 344/N

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Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| FISCHER 344 RATS FEMALE 5 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|------|
| | 079 | 071 | 072 | 072 | 072 | 076 | 076 | 077 | 077 | 076 | 076 | 077 | 077 | 077 | 077 | 077 | 075 | 077 | 077 | 076 | | 075 | 077 | 077 |
| ANIMAL ID | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | 0099 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 1 | 2 | 2 | 2 | 6 | 7 | 2 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 9 | 1 | 9 | 8 | 9 | 6 | 5 | 9 | 9 | 5 | 4 | 8 | 9 | 8 | 9 | 9 | 4 | 8 | 9 | 8 | 6 | 2 | 9 | 8 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Lymph Node, Mesenteric Infiltration Cellular, Histiocyte Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 | 3.0 |
| | | | | | 2 | | | | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Spleen Hematopoietic Cell Proliferation Hyperplasia, Lymphoid Infarct Pigmentation, Hemosiderin Lymphoid Follicle, Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 3 | 2.3 |
| | | | | | | | | 3 | | | | | | | 2 | | | | | | | | | | | 1 | 3.0 |
| | | | | | | | | | | | | | | | | | | | | | | 3 | | | | 2 | 3.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Mammary Gland Inflammation Duct, Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 4 | 2.3 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Skin Hyperkeratosis Site Of Application, Hyperkeratosis Site Of Application, Hyperplasia Site Of Application, Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 2 | 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | 1 | | | | 6 | 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1.0 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|--|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|--|

NERVOUS SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
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Experiment Number: 99032 - 03

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Lab: BAT

| FISCHER 344 RATS FEMALE 5 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|
| | 079 | 071 | 072 | 078 | 079 | 066 | 067 | 068 | 069 | 075 | 076 | 077 | 078 | 079 | 079 | 053 | 074 | 078 | 066 | 057 | | 077 | 072 |
| ANIMAL ID | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 |
| Hydrocephalus | | | | | | | | | | | | | | | | | | | | | | | | | 3 1.7 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|-------|
| Larynx | | | | | | | | | | | | | | | | | | | | | | | | + | 1 |
| Foreign Body | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2 3.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 3 | 11 2.3 |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3 1.0 |
| Serosa, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---------|
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | 3 | 10 2.3 |
| Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Goblet Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Nasolacrimal Duct, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Respiratory Epithelium, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 2 1 2.0 |
| Squamous Epithelium, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Vomeranasal Organ, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 3 1 3.0 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| FISCHER 344 RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 5 | 7 | |
| 5 MG/KG | 2 | 1 | 2 | 2 | 2 | 6 | 7 | 2 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 9 | 7 | 2 | 2 | |
| | 9 | 1 | 9 | 8 | 9 | 6 | 5 | 9 | 9 | 5 | 4 | 8 | 9 | 9 | 9 | 4 | 8 | 9 | 8 | 2 | 9 | 2 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 0 | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cataract | 4 | | | | | | | | 3 | | | | | | | | | | | | | | | 4 3.5 |
| Synechia | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Bilateral, Retina, Atrophy | | | | | | | | | | | 4 | | | | | | | | | | | | | 1 4.0 |
| Retina, Atrophy | 4 | | | | | | | | | | | | | | | | | | | | | | | 3 3.3 |
| Retina, Dysplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | 4 1.5 |
| Pigmentation, Porphyrin | | | | | | | | | | | | | | | | | 2 | | | | | 2 | | 3 2.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|--------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Accumulation, Hyaline Droplet | | | | | | | | | | | | | 2 | | | | | | | | | | | 2 2.0 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Infiltration Cellular, Lipocyte | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Nephropathy | 2 | 1 | 3 | 1 | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 3 | 3 | 1 | 1 | 1 | | 1 | 1 | 4 | | 1 | 2 | 1 | 42 1.7 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |

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+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
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Experiment Number: 99032 - 03
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 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Pyrogallol
 CAS Number: 87-66-1

Date Report Requested: 05/30/2012
 Time Report Requested: 11:40:45
 First Dose M/F: 09/15/04 / 09/16/04
 Lab: BAT

| FISCHER 344 RATS FEMALE 20 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females (cont...) |
|-------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------|----------------------|
| | 07 20 00 | 07 00 00 | 05 03 00 | 07 02 08 | 07 02 08 | 07 02 08 | 07 02 09 | 06 01 07 | 07 02 08 | 04 06 08 | 07 02 08 | 07 02 08 | 06 02 09 | 05 09 01 | 06 03 02 | 04 09 05 | 06 00 08 | 07 02 09 | 06 03 02 | 06 00 01 | 07 02 09 | 07 02 09 | 07 02 08 | 07 02 08 | | | |
| | 00 00 00 01 | 00 00 03 02 | 00 00 03 03 | 00 00 03 04 | 00 00 03 05 | 00 00 03 06 | 00 00 03 07 | 00 00 03 08 | 00 00 03 09 | 00 00 03 00 | 00 00 03 01 | 00 00 03 02 | 00 00 03 03 | 00 00 03 04 | 00 00 03 05 | 00 00 03 06 | 00 00 03 07 | 00 00 03 08 | 00 00 03 09 | 00 00 03 00 | 00 00 03 01 | 00 00 03 02 | 00 00 03 03 | 00 00 03 04 | 00 00 03 05 | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Esophagus | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Cecum Inflammation Thrombosis Ulcer | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Colon Parasite Metazoan | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Rectum Parasite Metazoan | + X | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Duodenum | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Ileum Inflammation Parasite Metazoan | + X | | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Jejunum | + | | | | | | | | | | | | | | | | | | | | | | | | |
| Liver Atypia Cellular, Focal Basophilic Focus Clear Cell Focus Degeneration, Cystic Eosinophilic Focus Fatty Change | + 1 X 3 2 2 1 3 | | | | | | | | | | | | | | | | | | | | | | | | |

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Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

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

Lab: BAT

| FISCHER 344 RATS FEMALE 20 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females (cont...) | | | |
|-------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|------------------|------------------|------------------|
| | 0 7 2 0 | 0 7 0 0 | 0 5 3 8 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 7 2 9 | 0 6 1 7 | 0 7 2 8 | 0 4 6 8 | 0 7 2 8 | 0 7 2 8 | 0 6 2 9 | 0 5 9 1 | 0 6 3 9 | 0 4 9 5 | 0 6 0 8 | 0 7 2 9 | 0 6 3 2 | 0 6 0 1 | | | 0 7 2 9 | 0 7 2 9 | 0 7 2 8 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 0 3 0 | 1 1 3 1 |

Ulcer 4

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Blood Vessel Thrombosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Heart Cardiomyopathy Atrium, Thrombosis | 2 | 2 | 2 | 1 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 2 | | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 3 | 1 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Adrenal Cortex Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Atypia Cellular | | | | | | | | | | | | | | | | | | | | | | | | | |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | 2 | | | 1 | | | 2 | 1 | | 2 | 1 | 1 | 2 | | | 1 | | | | 2 | | | 1 | | |
| Hypertrophy | 2 | | | 1 | | | | | | | 1 | 1 | 1 | | 2 | | | 2 | 2 | 1 | | 2 | | | |
| Necrosis | | | | | | | | | | 3 | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | 1 | | | | | | | | | |
| Vacuolization Cytoplasmic | | | | | | | | 1 | | 1 | 2 | 1 | | 1 | | 2 | | | 1 | 2 | | | | 1 | |
| Adrenal Medulla Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Parathyroid Gland Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

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X .. Lesion present
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| FISCHER 344 RATS FEMALE 20 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females (cont...) | |
|-------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|------------------|
| | 0 7 2 0 | 0 7 0 0 | 0 5 3 8 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 7 2 9 | 0 6 1 7 | 0 7 2 8 | 0 4 6 8 | 0 7 2 8 | 0 7 2 8 | 0 6 9 1 | 0 5 9 9 | 0 6 3 2 | 0 4 9 5 | 0 6 0 8 | 0 7 2 9 | 0 6 3 2 | 0 6 0 1 | | | 0 7 2 9 |
| Pituitary Gland | + | | | | | | | | | | | | | | | | | | | | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | |
| C-cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Clitoral Gland | + | | | | | | | | | | | | | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | |
| Duct, Dilatation | | | | | | | | | | | | | | | | | | | | | | | |
| Ovary | + | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Cyst | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Edema | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | | | | | | | | | | | | | | | | | | | | | | | |

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+ .. Tissue examined microscopically

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| FISCHER 344 RATS FEMALE 20 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females (cont...) | | | |
|-------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|------------------|------------------|------------------|
| | 0 7 2 0 | 0 7 0 0 | 0 5 3 8 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 7 2 9 | 0 6 1 7 | 0 7 2 8 | 0 4 6 8 | 0 7 2 8 | 0 7 2 8 | 0 6 2 9 | 0 5 9 1 | 0 6 3 2 | 0 4 9 5 | 0 6 0 8 | 0 7 2 9 | 0 6 3 2 | 0 6 0 1 | | | 0 7 2 9 | 0 7 2 9 | 0 7 2 8 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 0 3 0 | 0 0 3 1 |

Duct, Cyst

3

Skin

+ +

Control, Hyperplasia

1

Control, Inflammation

1

Sebaceous Gland, Site Of Application, Hyperplasia

1

Site Of Application, Hyperkeratosis

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

Site Of Application, Hyperplasia

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

Site Of Application, Inflammation

1

1

MUSCULOSKELETAL SYSTEM

Bone

+ +

Osteopetrosis

Skeletal Muscle

+

NERVOUS SYSTEM

Brain

+ +

Hydrocephalus

2

2

Thrombosis

Peripheral Nerve

Spinal Cord

RESPIRATORY SYSTEM

Lung

+ +

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+ .. Tissue examined microscopically

X .. Lesion present

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|-------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|
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| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 0 3 0 | 1 1 | |

Congestion

Inflammation

Alveolar Epithelium, Hyperplasia

Alveolus, Infiltration Cellular, Histiocyte

1

2

Nose

Inflammation

Thrombosis

Nasopharyngeal Duct, Inflammation

Olfactory Epithelium, Hyperplasia

+ +

1

2

3

3

Trachea

Inflammation

+ +

1

SPECIAL SENSES SYSTEM

Eye

Cataract

Optic Nerve, Atrophy

Retina, Atrophy

+ +

Harderian Gland

Hyperplasia

Pigmentation, Porphyrin

+ +

2

3

4

1

2

2

URINARY SYSTEM

Kidney

Atrophy

Cyst

Hypertrophy

+ +

3

1

2

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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|--------------------------------------|-----------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
| | | 07 | 07 | 05 | 07 | 07 | 07 | 07 | 06 | 07 | 04 | 07 | 07 | 07 | 06 | 05 | 06 | 04 | 06 | 07 | 07 | 06 | 06 | 07 | 07 | 07 | 07 | |
| FISCHER 344 RATS FEMALE | | 20 | 0 | 3 | 2 | 2 | 2 | 2 | 1 | 2 | 6 | 2 | 2 | 2 | 9 | 9 | 3 | 9 | 0 | 2 | 2 | 3 | 0 | 2 | 2 | 2 | 2 | |
| 20 MG/KG | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | ANIMAL ID | 30 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | | | |
| | | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | | |
| Inflammation | | 3 | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| Nephropathy | | 4 | 2 | | 2 | 2 | 1 | 1 | 4 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | | 1 | 2 | | 2 | 1 | 2 | | |
| Papilla, Necrosis | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | |
| Urinary Bladder | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Transitional Epithelium, Hyperplasia | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | |

females (cont...)

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| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--------------------------------|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| FISCHER 344 RATS FEMALE | | 4 | 7 | 5 | 6 | 6 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 4 | 7 | |
| | | 1 | 1 | 7 | 3 | 6 | 2 | 2 | 2 | 2 | 1 | 9 | 2 | 2 | 2 | 1 | 2 | 5 | 2 | 1 | 9 | 1 | 2 |
| 20 MG/KG | | 4 | 5 | 4 | 0 | 7 | 8 | | | 2 | 0 | 9 | 9 | 9 | 5 | 9 | 8 | 9 | 5 | 1 | 4 | 2 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-------|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 2.0 |
| Ulcer | | | 2 | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Parasite Metazoan | | | X | | | | | | | | | | | X | | | | | | | | | | 2 | | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Parasite Metazoan | | | | | | | X | | | | | | X | | X | | | | | | | X | | 5 | | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Inflammation | | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Parasite Metazoan | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Atypia Cellular, Focal | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Basophilic Focus | | | | | | X | X | | X | | X | X | X | | | X | X | | X | X | X | X | | | 28 | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Degeneration, Cystic | | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 1.0 | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | X | | | | | | 2 | |
| Fatty Change | | | | | | | | | | 3 | | | | | | | | | | | | | | | 6 2.3 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| FISCHER 344 RATS FEMALE 20 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | |
|---------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---|-----|-----|-----|
| | 0 4 1 4 | 0 7 1 5 | 0 5 7 4 | 0 6 3 0 | 0 6 6 7 | 0 7 2 8 | 0 7 2 8 | 0 7 2 9 | 0 7 2 9 | 0 7 1 2 | 0 5 9 0 | 0 7 2 9 | 0 7 2 9 | 0 7 2 9 | 0 7 2 9 | 0 6 5 9 | 0 7 2 9 | 0 6 1 5 | 0 6 9 1 | 0 4 1 8 | | 0 7 2 8 | 0 7 2 8 | 0 7 2 9 | | | | | |
| ANIMAL ID | 0 0 3 2 6 | 0 0 3 2 7 | 0 0 3 2 8 | 0 0 3 2 9 | 0 0 3 3 0 | 0 0 3 3 1 | 0 0 3 3 2 | 0 0 3 3 3 | 0 0 3 3 4 | 0 0 3 3 5 | 0 0 3 3 6 | 0 0 3 3 7 | 0 0 3 3 8 | 0 0 3 3 9 | 0 0 3 4 0 | 0 0 3 4 1 | 0 0 3 4 2 | 0 0 3 4 3 | 0 0 3 4 4 | 0 0 3 4 5 | 0 0 3 4 6 | 0 0 3 4 7 | 0 0 3 4 8 | 0 0 3 4 9 | 0 0 3 5 0 | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | |
| Hepatodiaphragmatic Nodule | | | | | | | | | | | | | | | | | | | | X | | | | | | | 3 | | |
| Inflammation | | | | | | | | | | | | 1 | 1 | | 1 | | | | | | 1 | | | | | | 10 | 1.1 | |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | X | | | 3 | | |
| Bile Duct, Hyperplasia | | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 | | 7 | 1.0 | |
| Hepatocyte, Necrosis | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | 3 | 2.0 | |
| Hepatocyte, Regeneration | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | 1 | 3.0 | |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | 1 | | | | | | | | 1 | 1 | 8 | 1.1 | |
| Portal, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1.0 | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | + | | | | | | | | | | | | | + | | | | | | + | + | | | + | | 13 | | |
| | | 3 | | | | | | | | | | | | | 3 | | | | | | 3 | 3 | | | 3 | | 13 | 3.0 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Acinus, Atrophy | | | | | 2 | | 1 | 2 | | | 1 | | | | | 1 | | | 2 | | | 2 | 3 | | | | 17 | 1.7 | |
| Acinus, Hyperplasia | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | 1 | 3.0 | |
| Duct, Cyst | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | 2 | 3.0 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 |
| Ulcer | | | 3 | 4 | | | | | | | | | | 4 | | | | 4 | | | | | | | | | | 7 | 3.7 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Erosion | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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Experiment Number: 99032 - 03

Test Type: CHRONIC

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Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|---|---|
| FISCHER 344 RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | |
| | 4 | 7 | 5 | 6 | 6 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 4 | 7 | | 7 | 7 | |
| 20 MG/KG | 1 | 1 | 7 | 3 | 6 | 2 | 2 | 2 | 1 | 9 | 2 | 2 | 2 | 1 | 2 | 2 | 5 | 2 | 1 | 9 | 1 | 2 | 2 | 2 |
| | 4 | 5 | 4 | 0 | 7 | 8 | 8 | 9 | 9 | 2 | 0 | 9 | 9 | 5 | 9 | 8 | 9 | 5 | 1 | 4 | 8 | 8 | 8 | 9 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

Ulcer 1 4.0

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|--------|
| Blood Vessel Thrombosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| | | | | 4 | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cardiomyopathy | 2 | | 3 | 2 | 3 | 2 | 2 | 1 | 2 | 2 | 3 | 3 | 1 | | 2 | 2 | 3 | 1 | 3 | | 2 | 1 | 3 | 3 | 2 | 46 2.1 |
| Atrium, Thrombosis | | | 4 | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Atrophy | | | | | | | | | | | | | | | | | 3 | | | | | | | | 1 3.0 |
| Atypia Cellular | | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Degeneration, Cystic | | | | | | 3 | | | | | | 1 | | 3 | | | | | | | | 2 | | | 4 2.3 |
| Hyperplasia | | 2 | | | | 3 | | 2 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 3 | | 2 | 1 | 1 | | | | 1 | 26 1.6 |
| Hypertrophy | | | | 2 | | | 2 | 1 | | 2 | 2 | 2 | | 1 | 1 | 1 | 1 | 2 | 1 | | 1 | | | 1 | 24 1.5 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Vacuolization Cytoplasmic | | | | | | | | | | 1 | | | | 1 | 2 | | | | | | 1 | | | | 13 1.3 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 6 1.2 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
 BLANK .. Not examined microscopically
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
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Experiment Number: 99032 - 03

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Lab: BAT

| FISCHER 344 RATS FEMALE 20 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|-------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------|
| | 0 4 1 4 | 0 7 1 5 | 0 5 7 4 | 0 6 3 0 | 0 6 6 7 | 0 7 2 8 | 0 7 2 8 | 0 7 2 9 | 0 7 2 9 | 0 7 1 2 | 0 5 9 0 | 0 7 2 9 | 0 7 2 9 | 0 7 1 5 | 0 7 2 9 | 0 6 2 8 | 0 7 2 9 | 0 6 1 5 | 0 6 1 9 | 0 4 1 4 | | 0 7 2 8 | 0 7 2 8 | 0 7 2 9 | | |
| ANIMAL ID | 0 0 3 2 6 | 0 0 3 2 7 | 0 0 3 2 8 | 0 0 3 2 9 | 0 0 3 3 0 | 0 0 3 3 1 | 0 0 3 3 2 | 0 0 3 3 3 | 0 0 3 3 4 | 0 0 3 3 5 | 0 0 3 3 6 | 0 0 3 3 7 | 0 0 3 3 8 | 0 0 3 3 9 | 0 0 3 4 0 | 0 0 3 4 1 | 0 0 3 4 2 | 0 0 3 4 3 | 0 0 3 4 4 | 0 0 3 4 5 | 0 0 3 4 6 | 0 0 3 4 7 | 0 0 3 4 8 | 0 0 3 4 9 | 0 0 3 5 0 | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | 2 | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Cyst | | | | | | | | | | | | | 3 | | | | | | | | | | | | 1 3.0 | |
| Pars Distalis, Cyst | | | | | 3 | | 3 | | | | | | 3 | | | | | | 3 | | | | | | 7 3.0 | |
| Pars Distalis, Hyperplasia | | 4 | 2 | | | | 2 | | | | | 3 | | | 3 | | | 3 | | 2 | | | | | 17 2.4 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| C-cell, Hyperplasia | | | | | | 2 | 1 | 1 | 1 | | 1 | 1 | | 1 | | | 3 | | 3 | 1 | | | 2 | 1 | 1 | 23 1.5 |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Hyperplasia | | | | | 3 | | | | | | 3 | | | | | | | | 2 | | 3 | | | | 4 2.8 | |
| Inflammation | | | | 4 | | | | | | | | | | | | | | 1 | | | | | | | 6 2.2 | |
| Duct, Dilatation | | | | | | | | | | | | | | | | | | | 3 | | | | | | 2 3.0 | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Cyst | 2 | | | | 2 | | | | | | | | | | | | | | 2 | | | | | | 6 2.5 | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Endometrium, Cyst | | | | | | | | | | | | | | | | | | 3 | | | | | | | 1 3.0 | |
| Endometrium, Edema | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Endometrium, Hyperplasia, Cystic | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 4 1.8 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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|-------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | 0 4 | 0 7 | 0 5 | 0 6 | 0 6 | 0 7 | 0 7 | 0 7 | 0 7 | 0 7 | 0 5 | 0 7 | 0 7 | 0 7 | 0 7 | 0 6 | 0 7 | 0 6 | 0 6 | 0 4 | | 0 7 | 0 7 | 0 7 | | |
| ANIMAL ID | 0 0 3 2 6 | 0 0 3 2 7 | 0 0 3 2 8 | 0 0 3 2 9 | 0 0 3 3 0 | 0 0 3 3 1 | 0 0 3 3 2 | 0 0 3 3 3 | 0 0 3 3 3 | 0 0 3 3 3 | 0 0 3 3 4 | 0 0 3 3 5 | 0 0 3 3 6 | 0 0 3 3 7 | 0 0 3 3 8 | 0 0 3 3 9 | 0 0 3 3 0 | 0 0 3 3 1 | 0 0 3 3 2 | 0 0 3 3 3 | 0 0 3 3 4 | 0 0 3 3 5 | 0 0 3 3 6 | 0 0 3 3 7 | 0 0 3 3 8 | 0 0 3 3 9 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------|---|---|--|
| Bone Marrow | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 10 4.0 | | | |
| Myelofibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.5 | | | |
| Lymph Node | + | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | | |
| Mediastinal, Hemorrhage | 3 | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | | |
| Mediastinal, Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | | |
| Pancreatic, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | | | |
| Lymph Node, Mandibular | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 | |
| Lymph Node, Mesenteric | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | |
| Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | | |
| Spleen | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | |
| Accessory Spleen | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | 4 3.0 | | | |
| Capsule, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | | | |
| Capsule, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 | | | |
| Lymphoid Follicle, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | | | |
| Thymus | + | | | | | | | | | | | | | | | | | | | | | | | | 49 | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|
| Mammary Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
|---------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| DAY ON TEST | FISCHER 344 RATS FEMALE | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|-------------|-------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|----|----|----|----|----|
| | 04 | 07 | 05 | 06 | 06 | 07 | 07 | 07 | 07 | 07 | 05 | 07 | 07 | 07 | 07 | 07 | 07 | 06 | 07 | 06 | | 06 | 04 | 07 | 07 | 07 |
| ANIMAL ID | 01 | 01 | 07 | 03 | 06 | 02 | 02 | 02 | 02 | 01 | 09 | 02 | 02 | 02 | 01 | 02 | 02 | 05 | 02 | 01 | 09 | 01 | 04 | 02 | 02 | 02 |
| 20 MG/KG | 04 | 05 | 04 | 00 | 07 | 08 | 08 | 09 | 02 | 00 | 09 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |

Duct, Cyst 1 3.0

Skin + 50

Control, Hyperplasia 1 1.0

Control, Inflammation 1 1.0

Sebaceous Gland, Site Of Application, Hyperplasia 1 1 1 5 1.0

Site Of Application, Hyperkeratosis 1 1 1 1 1 1 1 1 1 23 1.0

Site Of Application, Hyperplasia 1 1 1 1 1 11 1.0

Site Of Application, Inflammation 1 1 1 6 1.0

MUSCULOSKELETAL SYSTEM

Bone + 50

Osteopetrosis 4 1 4.0

Skeletal Muscle + 2

NERVOUS SYSTEM

Brain + 50

Hydrocephalus 1 3 1.7

Thrombosis 2 1 2.0

Peripheral Nerve + 1

Spinal Cord + 1

RESPIRATORY SYSTEM

Lung + 50

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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| FISCHER 344 RATS FEMALE 20 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----|-----|-----|
| | 0 4 1 4 | 0 7 1 5 | 0 5 7 4 | 0 6 3 0 | 0 6 6 7 | 0 7 2 8 | 0 7 2 8 | 0 7 2 9 | 0 7 2 9 | 0 7 2 9 | 0 5 1 0 | 0 7 2 9 | 0 7 2 9 | 0 7 2 9 | 0 7 2 9 | 0 6 5 9 | 0 7 2 5 | 0 6 1 9 | 0 4 1 4 | 0 7 2 8 | | 0 7 2 8 | 0 7 2 9 | | | | |
| ANIMAL ID | 0 0 3 2 6 | 0 0 3 2 7 | 0 0 3 2 8 | 0 0 3 2 9 | 0 0 3 3 0 | 0 0 3 3 1 | 0 0 3 3 2 | 0 0 3 3 3 | 0 0 3 3 4 | 0 0 3 3 5 | 0 0 3 3 6 | 0 0 3 3 7 | 0 0 3 3 8 | 0 0 3 3 9 | 0 0 3 4 0 | 0 0 3 4 1 | 0 0 3 4 2 | 0 0 3 4 3 | 0 0 3 4 4 | 0 0 3 4 5 | 0 0 3 4 6 | 0 0 3 4 7 | 0 0 3 4 8 | 0 0 3 4 9 | | | |
| Congestion | | | | 3 | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Inflammation | | | | 1 | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | 1 | 2 | | | | | 1 | | | 3 | | | | | | | 2 | 5 | 1.8 | |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | 1 | | 2 | 1.5 | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Inflammation | | | | | 3 | | | | | | | | 1 | 2 | 3 | 2 | | 2 | 2 | | 2 | | | 3 | 12 | 2.2 | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Nasopharyngeal Duct, Inflammation | | | | | | | | | | | | | | | 2 | | | | | | | | | 3 | 2 | 2.5 | |
| Olfactory Epithelium, Hyperplasia | | | | | | | | | 2 | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 | 4.0 | |
| Optic Nerve, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 | 4.0 | |
| Retina, Atrophy | | | | | | | | | | | | | | 2 | | | | | | | | | 4 | | 2 | 3.0 | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2.8 | |
| Pigmentation, Porphyrin | | | | 2 | | | | | | 3 | | 1 | | | | | | | | | | | | | 6 | 1.8 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

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| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------|
| FISCHER 344 RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females (cont...) |
| | 0728 | 0728 | 0728 | 0728 | 0728 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | 0729 | | |
| 75 MG/KG | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | females (cont...) |
| | 00351 | 00352 | 00353 | 00354 | 00355 | 00356 | 00357 | 00358 | 00359 | 00360 | 00361 | 00362 | 00363 | 00364 | 00365 | 00366 | 00367 | 00368 | 00369 | 00370 | 00371 | 00372 | 00373 | 00374 | 00375 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | 1 | | | | | | | | | | | | | 1 | | | | | | | | |
| Intestine Large, Colon Parasite Metazoan | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | X | | | | | | |
| Intestine Large, Rectum Parasite Metazoan | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| | X | X | | X | | | | | | | | | | | | | | | | | | | | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | 3 | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | X | X | X | | X | | X | X | | X | | X | X | X | X | X | X | X | X | | | | | |
| Clear Cell Focus | | | | | X | | | | | | | | | | | | | | | | | | | X |
| Congestion, Diffuse | | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | X | | | | | | | | | | | | | | | | | | | |
| Fatty Change | | | | | | | | | | | | | | | | | | 3 | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatodiaphragmatic Nodule Inflammation | | | | | | | | | | | | | | | | | | X | X | | | | | X |
| | 1 | | | | 1 | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | 1 | 1 |
| Mixed Cell Focus | | | | | X | | | | | | | | | | | | | | | | X | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
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 BLANK .. Not examined microscopically
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Pyrogallol

CAS Number: 87-66-1

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Time Report Requested: 11:40:45

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

Lab: BAT

| FISCHER 344 RATS FEMALE 75 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | females (cont...) | | |
|-------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------|-------|--|
| | 0728 | 0728 | 0728 | 0728 | 0728 | 0719 | 0722 | 0720 | 0722 | 0721 | 0715 | 0719 | 0714 | 0717 | 0717 | 0716 | 0717 | 0716 | 0717 | 0715 | 0718 | 0718 | | | | |
| ANIMAL ID | 00351 | 00352 | 00353 | 00354 | 00355 | 00356 | 00357 | 00358 | 00359 | 00360 | 00361 | 00362 | 00363 | 00364 | 00365 | 00366 | 00367 | 00368 | 00369 | 00370 | 00371 | 00372 | 00373 | 00374 | 00375 | |
| Cardiomyopathy | 1 | 1 | 1 | 2 | 2 | | 3 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |
| Degeneration, Cystic | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Hyperplasia | | | | 1 | 2 | | 2 | | 1 | | | | 1 | 1 | | 2 | | | | 2 | 3 | | 2 | 1 | 3 |
| Hypertrophy | 2 | | 1 | | 1 | | 2 | 2 | | 1 | | | | 1 | | 1 | | | 1 | 2 | 1 | | 2 | | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | 2 | | | 1 | | 1 | 1 | 1 | 3 | | 2 | | 3 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | | 1 | | 1 |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Pars Distalis, Cyst | | | | | | | | | | | | | | 4 | 3 | | | | | | 3 | | | | |
| Pars Distalis, Hyperplasia | 3 | | 3 | | | | | | | | 2 | 4 | 3 | 3 | 4 | | | | | | | | | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | | | | | | | 3 | | | | | | | | | | |
| C-cell, Hyperplasia | 3 | 2 | 2 | 2 | 3 | | 2 | | | | | 1 | 1 | 1 | 1 | | | | | 1 | 1 | 3 | 2 | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

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|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|---|
| FISCHER 344 RATS FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | females (cont...) | |
| | ANIMAL ID | 7 | 7 | 7 | 7 | 7 | 1 | 7 | 7 | 7 | 6 | 7 | 5 | 6 | 7 | 4 | 7 | 7 | 7 | 6 | 7 | 5 | 7 | 4 | 7 | 4 | | 7 |
| 75 MG/KG | | 2 | 2 | 2 | 2 | 2 | 9 | 2 | 0 | 2 | 9 | 2 | 7 | 0 | 2 | 1 | 2 | 2 | 2 | 9 | 2 | 9 | 2 | 9 | 2 | 8 | 2 | |
| | | 8 | 8 | 8 | 8 | 8 | 7 | 9 | 0 | 1 | 5 | 9 | 4 | 2 | 9 | 9 | 8 | 9 | 9 | 5 | 9 | 8 | 4 | 8 | 1 | 9 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 0 | |

Follicular Cell, Hyperplasia

1

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland
Hyperplasia
Inflammation

+
4
3

Ovary
Cyst

+
3

Uterus
Hyperplasia, Adenomatous
Inflammation

+
4

HEMATOPOIETIC SYSTEM

Bone Marrow
Hyperplasia
Myelofibrosis

+
4
3
3

Lymph Node

+

Lymph Node, Mandibular

M M

Lymph Node, Mesenteric
Degeneration, Cystic

+
2

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
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|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| FISCHER 344 RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females (cont...) | | |
| | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 7 2 8 | 0 7 1 7 | 0 7 2 9 | 0 7 2 9 | 0 7 2 9 | 0 7 2 9 | 0 6 2 5 | 0 7 2 9 | 0 6 2 9 | 0 7 2 9 | 0 4 2 1 | 0 7 2 2 | 0 7 2 2 | 0 6 2 9 | 0 7 2 9 | 0 5 2 8 | 0 7 2 9 | 0 4 2 8 | 0 7 2 8 | 0 4 2 1 | | 0 7 2 9 | |
| 75 MG/KG | 0 0 3 5 1 | 0 0 3 5 2 | 0 0 3 5 3 | 0 0 3 5 4 | 0 0 3 5 5 | 0 0 3 5 6 | 0 0 3 5 7 | 0 0 3 5 8 | 0 0 3 5 9 | 0 0 3 5 0 | 0 0 3 6 1 | 0 0 3 6 2 | 0 0 3 6 3 | 0 0 3 6 4 | 0 0 3 6 5 | 0 0 3 6 6 | 0 0 3 6 7 | 0 0 3 6 8 | 0 0 3 6 9 | 0 0 3 7 0 | 0 0 3 7 1 | 0 0 3 7 2 | 0 0 3 7 3 | 0 0 3 7 4 | 0 0 3 7 5 | 0 0 3 7 6 | |
| | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | ANIMAL ID | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Hyperplasia, Lymphoid
Hyperplasia, Plasma Cell

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Accessory Spleen | | | | | | | | | | | | | | | | | | | | | | | | X | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoid Follicle, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sebaceous Gland, Site Of Application, Hyperplasia | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 2 | | 2 | 2 | 2 | 2 | 2 | 2 | | | | | 1 | 1 | 2 | 2 | 1 | 2 |
| Site Of Application, Hyperkeratosis | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | | | 2 | 2 | 2 | 2 | 1 | 2 |
| Site Of Application, Hyperplasia | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 |
| Site Of Application, Inflammation | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 1 | | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females (cont...) | | |
|-------------------------|----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|---|---|
| FISCHER 344 RATS FEMALE | 75 MG/KG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 |
| | | 7 | 7 | 7 | 7 | 7 | 1 | 7 | 7 | 7 | 6 | 7 | 5 | 6 | 7 | 4 | 7 | 7 | 7 | 6 | 7 | 7 | 5 | 7 | 4 | | 7 | 7 |
| | | 2 | 2 | 2 | 2 | 2 | 9 | 2 | 0 | 2 | 9 | 2 | 7 | 0 | 2 | 1 | 2 | 2 | 2 | 9 | 2 | 2 | 9 | 2 | 8 | 8 | 2 | 9 |
| ANIMAL ID | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | |

Inflammation
Pigmentation, Porphyrin

1 1 3

URINARY SYSTEM

Kidney
Nephropathy

Urinary Bladder

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| 1 | 2 | 1 | 2 | 1 | | 2 | 2 | 1 | | 2 | 1 | 1 | 1 | | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | | | | 1 | |
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-----------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|---|---|--|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | | |
| FISCHER 344 RATS FEMALE | | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 5 | 4 | 7 | 7 | 6 | 6 | 7 | 7 | 6 | 7 | | |
| | | 1 | 2 | 2 | 3 | 2 | 2 | 7 | 2 | 2 | 2 | 2 | 6 | 2 | 9 | 4 | 2 | 2 | 7 | 7 | 2 | 2 | 1 | 2 | | |
| | 75 MG/KG | 2 | 8 | 8 | 2 | 8 | 8 | 2 | 8 | 9 | 9 | 8 | 9 | 6 | 9 | 0 | 9 | 8 | 9 | 2 | 4 | 8 | 8 | 8 | 8 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Cecum Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 2 1.0 |
| Intestine Large, Colon Parasite Metazoan | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 |
| Intestine Large, Rectum Parasite Metazoan | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + | + | + | X | + | + | 50 | 5 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | 3 2.7 |
| Basophilic Focus | | X | X | | X | X | X | X | | X | X | X | X | | | | X | X | | X | X | X | X | X | 34 | |
| Clear Cell Focus | X | | | | | | | | | | | | | | | | | | X | | | | | | 4 | |
| Congestion, Diffuse | | | | | | | | | | | | | | | | | | | | | | 3 | | | 1 | 3.0 |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Fatty Change | | 3 | | | | | | | | | | | | | | | | | | 1 | | | 3 | | 4 | 2.5 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 | 1.0 |
| Hepatodiaphragmatic Nodule | | | | | | | X | | | | | | | X | | X | X | | | | | | | | 7 | |
| Inflammation | | | | | | 1 | 1 | | | | 1 | 1 | 1 | | 1 | | | | 1 | | | 2 | | | 16 | 1.1 |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | | | | | | X | X | | 4 | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

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Lab: BAT

| FISCHER 344 RATS FEMALE 75 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--------|
| | 071228 | 07228 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | | 07732 |
| ANIMAL ID | 00376 | 00377 | 00378 | 00379 | 00380 | 00381 | 00382 | 00383 | 00384 | 00385 | 00386 | 00387 | 00388 | 00389 | 00390 | 00391 | 00392 | 00393 | 00394 | 00395 | 00396 | |
| Bile Duct, Hyperplasia | 1 | 1 | | | | | 1 | | | 1 | | | | | | | | | | | | 7 1.0 |
| Hepatocyte, Regeneration | | | 1 | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | | | 6 1.2 |
| Portal, Fibrosis | | | | | | | 1 | | | | | | | | | | | | | | | 1 1.0 |
| Serosa, Fibrosis | | | | | | | | | | | | | | | | | | | 2 | | | 1 2.0 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | 10 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | 10 3.0 |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | 50 |
| Acinus, Atrophy | | | | | | | | | | | | | | | | | | | | | | 15 1.5 |
| Acinus, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 5 2.0 |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Salivary Glands | | | | | | | | | | | | | | | | | | | | | | 50 |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | | 50 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | 3 1.7 |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | 3 4.0 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 3 2.3 |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | 50 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Epithelium, Cyst | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | | | | | | | | | | | | | | | | | | | | | | 50 |
| Heart | | | | | | | | | | | | | | | | | | | | | | 50 |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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| FISCHER 344 RATS FEMALE 75 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------|------------|--|
| | 0 7 1 2 | 0 7 2 8 | 0 7 2 8 | 0 6 3 2 | 0 7 2 8 | 0 7 2 8 | 0 6 7 2 | 0 7 2 8 | 0 7 2 9 | 0 7 2 9 | 0 7 2 9 | 0 6 6 9 | 0 7 2 9 | 0 5 4 0 | 0 4 2 9 | 0 7 2 8 | 0 7 7 2 | 0 6 7 4 | 0 6 6 8 | 0 7 2 8 | | | 0 7 2 9 | 0 6 1 7 | 0 7 2 8 | | | |
| ANIMAL ID | 0 0 3 7 6 | 0 0 3 7 7 | 0 0 3 7 8 | 0 0 3 7 9 | 0 0 3 8 0 | 0 0 3 8 1 | 0 0 3 8 2 | 0 0 3 8 3 | 0 0 3 8 4 | 0 0 3 8 5 | 0 0 3 8 6 | 0 0 3 8 7 | 0 0 3 8 8 | 0 0 3 8 9 | 0 0 3 9 0 | 0 0 3 9 1 | 0 0 3 9 2 | 0 0 3 9 3 | 0 0 3 9 4 | 0 0 3 9 5 | 0 0 3 9 6 | 0 0 3 9 7 | 0 0 3 9 8 | 0 0 3 9 9 | 0 0 4 0 0 | | | |
| | * TOTALS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cardiomyopathy | 1 | 2 | 1 | 2 | 2 | | 1 | 2 | 1 | 2 | 1 | | 3 | 1 | 1 | | 1 | 1 | 1 | | 1 | 1 | 1 | 2 | 1 | 45 | 1.4 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 | 2.0 | |
| Degeneration, Cystic | | | | 2 | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | 3 | | | 2 | 2.5 | |
| Hyperplasia | | 2 | | | | 2 | 2 | 1 | 2 | 2 | 1 | | | 3 | | | 2 | 1 | 1 | 2 | 2 | 2 | | | 29 | 1.8 | | |
| Hypertrophy | | | 1 | | 1 | | 1 | 1 | | 1 | | | | | | 2 | | | | 1 | 1 | | | 3 | 21 | 1.4 | | |
| Vacuolization Cytoplasmic | | | 2 | | 2 | | 1 | 2 | | | 2 | 3 | 1 | | | | | | 2 | | | 2 | 2 | | 18 | 1.8 | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1.3 | | |
| Infiltration Cellular, Mononuclear Cell | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | 2 | | 2 | 3.0 | | |
| Pars Distalis, Cyst | | | | 3 | | 3 | | | | | | | 4 | | | | | | | | | 3 | | | 7 | 3.3 | | |
| Pars Distalis, Hyperplasia | | | | 3 | 2 | 4 | | | | | | | 3 | 2 | 4 | 1 | 4 | | | | | 3 | 2 | | 19 | 2.9 | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | |
| C-cell, Hyperplasia | | | | 1 | | 2 | 1 | | 2 | 1 | 2 | 1 | 2 | | | | 3 | 2 | 1 | | | 1 | 1 | 2 | 31 | 1.7 | | |

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| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | |
| FISCHER 344 RATS FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 5 | 4 | 7 | 7 | 6 | 6 | 7 | 7 | 6 | 7 | |
| | 1 | 2 | 2 | 3 | 2 | 2 | 7 | 2 | 2 | 2 | 2 | 6 | 2 | 9 | 4 | 2 | 2 | 7 | 7 | 2 | 2 | 1 | 2 | 2 | |
| | 2 | 8 | 8 | 2 | 8 | 8 | 2 | 8 | 9 | 9 | 8 | 9 | 6 | 9 | 0 | 9 | 8 | 9 | 2 | 4 | 8 | 8 | 9 | 8 | |
| 75 MG/KG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | |
| 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | * TOTALS |

Follicular Cell, Hyperplasia

1 1.0

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland
Hyperplasia
Inflammation

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|-------|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 4.0 | 6 2.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|-------|

Ovary
Cyst

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 3.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|

Uterus
Hyperplasia, Adenomatous
Inflammation

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|-------|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 4 | 50 | 1 4.0 | 1 4.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|-------|

HEMATOPOIETIC SYSTEM

Bone Marrow
Hyperplasia
Myelofibrosis

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------|-------|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 10 3.8 | 1 3.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------|-------|

Lymph Node

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

Lymph Node, Mandibular

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

Lymph Node, Mesenteric
Degeneration, Cystic

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 2.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99032 - 03

Test Type: CHRONIC

Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Pyrogallol

CAS Number: 87-66-1

Date Report Requested: 05/30/2012

Time Report Requested: 11:40:45

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

Lab: BAT

| FISCHER 344 RATS FEMALE 75 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|-------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|
| | 071228 | 07228 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | 07732 | | 07732 |
| ANIMAL ID | 00376 | 00377 | 00378 | 00379 | 00380 | 00381 | 00382 | 00383 | 00384 | 00385 | 00386 | 00387 | 00388 | 00389 | 00390 | 00391 | 00392 | 00393 | 00394 | 00395 | 00396 | 00397 | 00398 | 00399 | 00400 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|-----|
| Hyperplasia, Lymphoid | 3 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Hyperplasia, Plasma Cell | 2 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Spleen | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Accessory Spleen | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Hyperplasia, Lymphoid | 4 | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.5 |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Lymphoid Follicle, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Thymus | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Cyst | 3 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Mammary Gland | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Inflammation | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Duct, Cyst | 3 | | | | | | | | | | | | | | | | | | | | | | | | 5 | 3.4 | |
| Skin | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | |
| Sebaceous Gland, Site Of Application, Hyperplasia | 1 | 2 | 2 | 2 | | 2 | 2 | 2 | 1 | 1 | | 2 | 2 | 2 | | 2 | 1 | 1 | | | 1 | 2 | 2 | 2 | 41 | 1.7 | |
| Site Of Application, Hyperkeratosis | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 49 | 1.8 |
| Site Of Application, Hyperplasia | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 49 | 1.1 |
| Site Of Application, Inflammation | 2 | 2 | 1 | 3 | 1 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 49 | 1.4 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|
| Bone | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
|------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|--|

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue
 M .. Missing tissue
 A .. Autolysis precludes evaluation
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 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 99032 - 03

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Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

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Pyrogallol

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

Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|---|---|---|---|---|---|
| FISCHER 344 RATS FEMALE 75 MG/KG | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 5 | 4 | 7 | 7 | 6 | 6 | 7 | 7 | 6 | 7 | 6 | 7 | 6 | 7 | 6 | 7 | 6 | 7 | 6 | 7 | 6 | 7 |
| | | 1 | 2 | 2 | 3 | 2 | 2 | 7 | 2 | 2 | 2 | 2 | 6 | 2 | 9 | 4 | 2 | 2 | 7 | 7 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 2 |
| | | 2 | 8 | 8 | 2 | 8 | 8 | 2 | 8 | 9 | 8 | 9 | 6 | 9 | 0 | 9 | 8 | 9 | 2 | 4 | 8 | 8 | 9 | 7 | 8 | 9 | 7 | 8 | 9 | 7 | 8 | 9 | 7 | 8 | 9 | 0 |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|---|-----|-----|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | |
| Hemorrhage | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Hydrocephalus | 2 | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3 | 2.0 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|----|----|-----|-----|-----|-----|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | | | |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | | |
| Inflammation | 1 | 1 | | | | 1 | 1 | | | 1 | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 1.1 | | | |
| Alveolar Epithelium, Hyperplasia | 4 | | | | | 2 | | | | | | 3 | 1 | | 3 | | | | 4 | | | | | | | | | | | | | | | | | | | | | | | 12 | 2.3 | | | |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | 2 | | | | | | 1 | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 1.5 | | |
| Alveolus, Pigmentation, Hemoglobin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Bronchiole, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | |
| Inflammation | | | | 2 | | 1 | | | | | | | | 2 | | 3 | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 2.0 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|----|-----|--|--|---|---|-----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | | | | | |
| Cataract | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | | | | |
| Anterior Chamber, Exudate | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | | | | |
| Posterior Chamber, Exudate | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | | | | |
| Retina, Dysplasia | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3 | 2.3 |

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I .. Insufficient tissue

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