

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																									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

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

1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
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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 | | | | | |
| | 2 | 1 | 2 | 4 | 7 | 2 | 4 | 2 | 7 | 5 | 4 | 2 | 5 | 1 | 2 | 2 | 2 | 0 | 8 | 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 | 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 | | | | |
| Inflammation | | | | | | | 1 | 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 | 1.0 | | |
| Hepatocyte, Degeneration | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | |
| Hepatocyte, Necrosis | | | 3 | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | |
| Hepatocyte, Regeneration | | | | 2 | | | | | | | | | | | | | | | | | | | | | | 1 | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | 3 | | + | | + | | + | | | + | | + | | | + | | | | | | + | | | | + | 9 | | | |
| | | | | | 3 | | 3 | | | 3 | | | | 3 | | | | | | | 3 | | | | | 7 | 3.0 | | |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Gingival, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2.0 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Acinus, Atrophy | 1 | | 1 | | 1 | 1 | 2 | | | 2 | 1 | | 1 | 3 | | | 2 | | | 1 | | | 3 | 1 | | 3 | 28 | 1.6 | |
| Acinus, Hyperplasia | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | 3 | 1.3 | |
| Duct, Cyst | | | | | | | | | 2 | | | | 1 | | | 2 | | | | | | | | | | | 5 | 1.4 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | 2 | 1.5 | |
| Ulcer | | | | | | | | 4 | | | | 4 | | | | | | | | | | | 4 | | | | 4 | 4.0 | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 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

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Lab: BAT

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0 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | |
|----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | 07
27 | 06
15 | 06
26 | 06
45 | 06
73 | 05
27 | 04
40 | 07
27 | 06
36 | 06
62 | 06
73 | 05
25 | 00
11 | 07
28 | 07
37 | 07
48 | 06
58 | 05
71 | 07
82 | 05
93 | | 07
04 | 07
15 | 05
26 | 07
37 | 07
48 | 05
59 |
| ANIMAL ID | 00
00
26 | 00
00
27 | 00
00
28 | 00
00
29 | 00
00
30 | 00
00
31 | 00
00
32 | 00
00
33 | 00
00
34 | 00
00
35 | 00
00
36 | 00
00
37 | 00
00
38 | 00
00
39 | 00
00
40 | 00
00
41 | 00
00
42 | 00
00
43 | 00
00
44 | 00
00
45 | 00
00
46 | 00
00
47 | 00
00
48 | 00
00
49 | 00
00
50 | 00
00
51 | 00
00
52 |

Erosion 2 2 2.0

Tongue 1

CARDIOVASCULAR SYSTEM

Blood Vessel + 50

Heart + 50
 Cardiomyopathy 2 2 2 2 2 1 3 1 3 1 2 2 2 3 3 2 3 2 2 1 2 46 2.3

ENDOCRINE SYSTEM

Adrenal Cortex + 50
 Hyperplasia 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 1 27 1.6

Adrenal Medulla + 50
 Hyperplasia 2 1 1 3 16 1.8

Islets, Pancreatic + 50

Parathyroid Gland + 50

Pituitary Gland + 50
 Pars Distalis, Atrophy 3 1 3.0
 Pars Distalis, Hyperplasia 2 2 3 1 11 1.8

Thyroid Gland + 50
 C-cell, Hyperplasia 1 3 2 1 1 1 1 1 18 1.4

* .. 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 A .. Autolysis precludes evaluation 1) Minimal 3) Moderate
 I .. Insufficient tissue BLANK .. Not examined microscopically 2) Mild 4) Marked

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|------------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 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 |
| | | 27 | 53 | 27 | 28 | 28 | 27 | 97 | 28 | 92 | 27 | 27 | 69 | 49 | 08 | 22 | 22 | 55 | 99 | 88 | 88 | 19 | 59 | 27 | 84 | 52 |
| 5 MG/KG | 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 |

males (cont...)

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 | | | | | | | |

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| FISCHER 344 RATS MALE
5 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|--|-------------|---------------|----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|--------------------|
| | 07
27 | 05
25
3 | 07
27 | 07
28 | 07
28 | 07
27 | 04
7 | 07
28 | 06
2 | 07
27 | 06
2 | 07
27 | 04
9 | 04
4 | 06
8 | 07
2 | 07
2 | 06
5 | 06
9 | 07
8 | 04
8 | 06
9 | 05
9 | 07
7 | 05
4 | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oral Mucosa Gingival, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas Acinus, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas Acinus, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach Perforation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach Ulcer Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------------|
| FISCHER 344 RATS MALE | 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 | 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 | 7 | 5 | |
| 5 MG/KG | 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 | 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 | 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 |

Congestion
 Erosion
 Inflammation
 Epithelium, Hyperplasia
 Glands, Cyst

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

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

Hyperplasia

2 1

Hypertrophy

1 1

Vacuolization Cytoplasmic

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

Adrenal Medulla

+ +

Hemorrhage

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

Hyperplasia

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

Islets, Pancreatic

+ +

Parathyroid Gland

+ M + + + +

Cyst

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(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

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+ .. Tissue examined microscopically

X .. Lesion present

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| FISCHER 344 RATS MALE
5 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | |
|---------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----|-----|-----|
| | 07
27 | 07
27 | 07
28 | 06
22 | 07
22 | 07
28 | 07
27 | 07
22 | 07
28 | 07
27 | 06
22 | 07
22 | 07
27 | 07
28 | 05
22 | 07
22 | 06
27 | 07
22 | 05
29 | 07
22 | | 07
28 | | | | | |
| ANIMAL ID | 00
07
6 | 00
07
7 | 00
07
8 | 00
07
9 | 00
08
0 | 00
08
1 | 00
08
2 | 00
08
3 | 00
08
4 | 00
08
5 | 00
08
6 | 00
08
7 | 00
08
8 | 00
08
9 | 00
09
0 | 00
09
1 | 00
09
2 | 00
09
3 | 00
09
4 | 00
09
5 | 00
09
6 | 00
09
7 | 00
09
8 | 00
09
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 | | |
| | | | | | | | | | | | | | | | | | | | | | | | 3 | | 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 | | | | | | | | | | | | | | | | | | | | | | | | X | 1 | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | 4 | 6 | 3.7 | |
| Epithelium, Hyperplasia | | | | | | | | | | | 2 | | | | | | | | | | | 3 | | | 2 | 2.5 | |
| 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

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 | | | | |
|----------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|------|------|
| | 0727 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | | 0728 | | | |
| 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 | 0100 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|---|---|--|---|--|--|--|---|---|-----|-----|
| 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 | | |

* .. 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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Pyrogallol

CAS Number: 87-66-1

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Lab: BAT

| FISCHER 344 RATS MALE
5 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
|----------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|------|------|------|--------|
| | 07727 | 07728 | 07782 | 07782 | 07782 | 07782 | 07782 | 07782 | 07782 | 07782 | 07782 | 07782 | 07782 | 07782 | 07782 | 07782 | 07782 | 07782 | 07782 | 07782 | | 07782 | | | | |
| 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 | 0100 | |
| Hyperplasia | | | | | | | 2 | | | | | | | | | | | | | | | | | | | 3 2.0 |
| Pituitary Gland Hemorrhage | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Pars Intermedia, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 10 2.3 |
| Thyroid Gland Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| C-cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 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 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 45 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
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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 | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | 0099 | 0100 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|----|-----|---|-----|-----|--|----|--|
| Testes | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Arteriole, Inflammation | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 | | | |
| Bilateral, Germinal Epithelium, Atrophy | | | | | | | | | | | | | | | | | | | | | | 3 | 2.7 | | | |
| Germinal Epithelium, Atrophy | | | | | | | | | | | | | | | | | | | 4 | 3 | 4 | 3.8 | | | | |
| Interstitial Cell, Hyperplasia | 2 | 2 | | | | | | | | | | | | | | | 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 | M | |
| Lymph Node, Mesenteric | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Degeneration, Cystic | | | | | | | | | | | | | | | 1 | 1 | 1 | 4 | 1.5 | | | | | | | |
| Necrosis, Lymphoid | | | | | | | | | | | | | | | 2 | | 3 | 2 | 2.5 | | | | | | | |
| Spleen | + | | | | | | | | | | | | | | | | | | | | | | | | 50 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | 2 | | | 3 | 2.0 | | | | | | | |
| Infarct | | | | | | | | | | | | | | | | | | | | | | 1 | 2 | 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
BLANK .. Not examined microscopically
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|----------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | 0777 | 0778 | 0782 | 0782 | 0787 | 0787 | 0787 | 0787 | 0787 | 0787 | 0787 | 0787 | 0787 | 0787 | 0787 | 0787 | 0787 | 0787 | 0787 | 0787 | 0787 | 0787 | 0787 | 0787 | |
| 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 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--|--|--|--|--|--|---|--|--|--|--|--|---|--|--|--|--|--|--|--|--|---|---|--|---|---|-----|
| 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 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|---|---|-----|
| Mammary Gland Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 49 | 1 | 1.0 | | | |
| Skin Abscess | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 50 | 1 | 4.0 | | | |
| Site Of Application, Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | | 1 | 1 | 1.0 |
| Site Of Application, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 6 | 1.0 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|----|-----|-----|
| Bone Hemorrhage | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 50 | 1 | 3.0 |
| Epiphysis, Femur, Cyst | | | | | | | | | | | | | | | | | | | | | | | 3 | | | 1 | 2.0 | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|----|-----|-----|
| Brain Hemorrhage | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 50 | 4 | 2.8 |
| Hydrocephalus | 2 | | | | | 1 | | | | | | | | | | 3 | | | | | | | 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 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 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 | | | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|--------|--|
| | 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 | |

* .. 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 | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|-----------|--------------|
| | 077 | 077 | 078 | 062 | 072 | 077 | 077 | 077 | 077 | 066 | 077 | 077 | 077 | 077 | 077 | 057 | 077 | 066 | 077 | 066 | 077 | 057 | 077 | 077 | | | |
| 5 MG/KG | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
| 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | 0099 | 0100 | | | |
| 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 |

* .. 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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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 | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|---------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|--|-----------|--------------------|
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8 | | | | |
| Mixed Cell Focus | | | | X | | | | | | X | | | | | | X | | | | | | | X | | | | |
| Bile Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bile Duct, Hyperplasia | | 1 | | 1 | | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gingival, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pharyngeal, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Acinus, Atrophy | 1 | | | 2 | | | | 3 | 3 | | | | 3 | 2 | 2 | 1 | 1 | | 2 | 1 | 1 | | 1 | 1 | | | |
| Acinus, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | 2 | 3 | | | | | | |
| Duct, Cyst | | | | | | | | 2 | 2 | | | | | | | | | | | | | 1 | | | | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | |
| 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
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 BLANK .. Not examined microscopically

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Experiment Number: 99032 - 03
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 Species/Strain: RATS/F 344/N

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 Pyrogallol
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 Lab: BAT

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

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
 Hematopoietic Cell Proliferation
 Hemorrhage
 Hyperplasia
 Hypertrophy
 Necrosis
 Vacuolization Cytoplasmic

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

Adrenal Medulla
 Hyperplasia
 Necrosis

+
 2 2 2 4 2 1 2 2
 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
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 BLANK .. Not examined microscopically
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20 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
|-----------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|
| | 0728 | 0728 | 0727 | 0728 | 0727 | 0727 | 0727 | 0627 | 0529 | 0529 | 0429 | 0727 | 0727 | 0727 | 0727 | 0727 | 0528 | 0727 | 0727 | 0529 | 0627 | 0627 | | 0727 | 0727 |
| 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 |

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
Basophilic Focus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Hepatodiaphragmatic Nodule | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 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

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|---------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|--------|
| | 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 | 00017 | 00008 | 00009 | 00000 | 00001 | 00002 | 00003 | 00004 | 00005 | 00006 | 00007 | 00008 | 00009 | 00000 | 00001 | 00002 | 00003 | 00004 | 00005 | 00006 | 00007 | 00008 | 00009 | |
| 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 | 1 | | 2 | 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 | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Necrosis | | | | 3 | | | | | | | | | | | | | | | | | | 3 | | | 3 3.0 |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Gingival, Inflammation | | | | 1 | | | | | | | | | | | | | | | | | | | 3 | | 2 2.0 |
| Pharyngeal, Hyperplasia | | | | | | | | | | | | | | | | 3 | | | | | | | | | 2 3.5 |
| Pancreas | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Acinus, Atrophy | | | | 2 | | 1 | 3 | | 1 | | 2 | 1 | | 1 | | 2 | 3 | 3 | 1 | | | 2 | 1 | 1 | 28 1.7 |
| Acinus, Hyperplasia | | | | | | | 1 | | | | | | | | | | | | | | | | | | 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

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
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 |
| | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | | 2 | 3 | 3 | 3 | 1 | | 2 | | 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 |
| | 1 | 1 | 1 | | 2 | | 1 | | 1 | 2 | | 2 | | 1 | | 1 | 2 | 1 | 1 | | 2 | 2 | 2 | | 29 1.5 |
| | 1 | 2 | | 2 | | | 1 | | 1 | | | 1 | | 2 | | | | | | | | | | | 10 1.3 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| | | 2 | | | 2 | | 1 | | 1 | | 2 | | | 1 | | 1 | 1 | | | | | | 1 | | 23 1.5 |
| Adrenal Medulla
Hyperplasia
Necrosis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| | 3 | | 3 | | | | | 1 | | | | | | 2 | 1 | | 1 | 1 | | | 2 | | 2 | 3 | 20 2.1 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | 47 |

* .. 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
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 |
| | 228 | 227 | 228 | 228 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|--|--|---|--|---|--|---|--|--|---|---|--|--|--|--|--|--|---|-----|-----|
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 4.0 | |
| Mineralization | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 2 | 1.5 |
| Germinal Epithelium, Atrophy | | | | | | | | | | 3 | | 4 | | | | | | 4 | | | | | | | | 7 | 3.1 |
| Interstitial Cell, Hyperplasia | 2 | | | | | | | | | | | 2 | | | | | 2 | | | | | | | | | 5 | 2.0 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|-----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Hyperplasia | | | | | 4 | | | | | | | | | | 4 | 4 | | | | | | | | | 3 | | 11 | 3.6 | |
| Myelofibrosis | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Lymph Node | | | | | + | | | | | + | | | | | | | | | | | | | | | | | 4 | | |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 | 2.0 | |
| Mediastinal, Hyperplasia, Plasma Cell | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | 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 | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Hyperplasia, Histiocytic | | | | 2 | | | | | | 1 | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Hyperplasia, Plasma Cell | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Congestion | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | 1 | 3.0 | |
| Hyperplasia, Lymphoid | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3.7 |
| Lymphoid Follicle, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 2 | 2.0 | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | | |
| 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
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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 | 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 | |
| Alveolus, Infiltration Cellular, Histiocyte | 2 | | 1 | | | | 2 | | | | | 1 | | | | | | | | | | | | | 5 1.4 |
| Bronchiole, Fibrosis | | | | | | | | | | | | | | | | | | | | 3 | | | | | 1 3.0 |
| Nose Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 21 2.0 |
| Trachea Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 2 1.5 |
| Trachea Metaplasia, Squamous | | | | | | 1 | | | | | | | | | | | | | 2 | | | | | 1 1.0 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye Retina, Developmental Malformation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 |
| Harderian Gland Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 2 2.0 |
| Harderian Gland Inflammation | | | | | | | | | | | | | | | | | | | | | 1 | | | 1 1.0 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney Hyperplasia, Tubular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 2 1.0 |
| Kidney 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 | |
| Kidney 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

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|------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------------|
| FISCHER 344 RATS MALE | DAY ON TEST | 0728 | 0657 | 0728 | 0678 | 0768 | 0768 | 0778 | 0778 | 0228 | 0778 | 0778 | 0778 | 0778 | 0668 | 0668 | 0778 | 0668 | 0778 | 0778 | 0778 | 0778 | 0778 | 0478 | 0778 | males (cont...) |
| | ANIMAL ID | 00151 | 00152 | 00153 | 00154 | 00155 | 00156 | 00157 | 00158 | 00159 | 00160 | 00161 | 00162 | 00163 | 00164 | 00165 | 00166 | 00167 | 00168 | 00169 | 00170 | 00171 | 00172 | 00173 | 00174 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon
Parasite Metazoan | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum
Parasite Metazoan | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| 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

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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
8 | 0
6
4
4 | 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
6 | 0
6
9
6 | 0
6
1
1 | 0
7
0
2 | 0
6
6
7 | 0
7
2
7 | 0
7
2
8 | 0
7
2
8 | 0
7
2
8 | 0
4
5
1 | 0
7
2
7 | | |
| 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
Kupffer Cell, Pigmentation | 1 | 1 | 1 | | | | 1 | | | 1 | | | | | | | 1 | 1 | 2 | | | | | 1 | | |
| Portal, Fibrosis | | | | 1 | | | | | | | | 1 | | | | | | | | 1 | | | | 1 | | |
| Mesentery
Necrosis | | | | | | | + | | | | | | | | | | | | | | | | | + | 3 | |
| Oral Mucosa
Gingival, Inflammation | | | | | | | | | | | | + | | | | | | | | | | | | + | 2 | |
| Pancreas
Acinus, Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Acinus, Hyperplasia | 1 | 2 | | 2 | | | | | 3 | 3 | 1 | | 1 | | 4 | 2 | | 2 | 1 | | | | 3 | | 3 | |
| Duct, Cyst | | | | | | | | | | | | | 1 | | | | | 1 | | | | | 2 | | | |
| Salivary Glands
Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Stomach, Forestomach
Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Ulcer | | | 3 | | | | | | | | | | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | 4 | | | | | | | | | | 2 | |
| Stomach, Glandular
Erosion | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Inflammation | | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | 2 | |
| Tongue | | | | | | | | | | | | | | | | | | | | | | | | | + | + |

* .. 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 | 0727 | 0768 | 0778 | 0674 | 0668 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | 0778 | | | 0778 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0001 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0002 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0003 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 0004 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 0005 | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | | | | | | | | | | | | | | | 2 | 4 | | 3 | 2 |
| Thyroid Gland Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1 | |
| C-cell, Hyperplasia | 1 | 1 | 1 | | | | | | 3 | | | | 1 | 1 | 3 | | | | | | 3 | 2 | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Preputial Gland Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 |
| Duct, Hyperplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | 1 |
| Prostate Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 2 |
| Epithelium, Hyperplasia | | 1 | 1 | 3 | 2 | 3 | 1 | 1 | 2 | | | | | | | | | | | | | 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

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Route: SKIN APPLICATION

Species/Strain: RATS/F 344/N

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Pyrogallol

CAS Number: 87-66-1

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Lab: BAT

| FISCHER 344 RATS MALE
75 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | | |
|-----------------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|--------------------|----|----|
| | 07 | 06 | 07 | 07 | 06 | 07 | 06 | 07 | 07 | 02 | 07 | 07 | 07 | 07 | 06 | 06 | 07 | 06 | 07 | 07 | | | 07 | 07 |
| | 28 | 57 | 27 | 28 | 96 | 28 | 44 | 28 | 27 | 94 | 28 | 27 | 27 | 06 | 96 | 11 | 02 | 67 | 27 | 28 | 28 | 58 | 27 | |
| | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 77 | 77 | 77 | 77 | 77 | 77 |
| | 12 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 00 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 00 | 11 | 22 | 33 | 44 | 55 |

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

MUSCULOSKELETAL SYSTEM

Bone

+ +

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

1-4 .. Lesion qualified as:
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 Species/Strain: RATS/F 344/N

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 Lab: BAT

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75 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | |
|-----------------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|--------------------|--|
| | 07 | 06 | 07 | 07 | 06 | 07 | 06 | 07 | 06 | 07 | 06 | 07 | 06 | 07 | 06 | 07 | 06 | 07 | 06 | 07 | 06 | 07 | 06 | 07 | | | |
| | 2 | 5 | 2 | 2 | 9 | 2 | 4 | 2 | 2 | 9 | 2 | 2 | 2 | 0 | 9 | 1 | 0 | 6 | 7 | 7 | 2 | 2 | 8 | 8 | 00 | | |
| | 8 | 7 | 7 | 8 | 6 | 8 | 4 | 8 | 7 | 4 | 8 | 7 | 7 | 6 | 6 | 1 | 2 | 7 | 7 | 7 | 7 | 8 | 8 | 1 | 7 | 00 | |
| | 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 | 00 | |
| | 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 | 00 | |
| | 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 | 00 | |
| | 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 | 00 | |

Fibrosis
 Osteopetrosis

3
 1

NERVOUS SYSTEM

Brain
 Hemorrhage
 Cerebrum, Inflammation

+
 2
 1

RESPIRATORY SYSTEM

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

+
 1
 2 1
 2 1
 1

Nose
 Inflammation
 Nasolacrimal Duct, Inflammation

+
 1 2 3
 2 2 2 3
 2

Trachea

+ +

SPECIAL SENSES SYSTEM

Eye
 Cataract
 Retina, Atrophy

+
 3
 3

Harderian Gland
 Inflammation

+
 1

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 + .. Tissue examined microscopically
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| FISCHER 344 RATS MALE | DAY ON TEST | 0727 | 0728 | 0727 | 0728 | 0727 | 0626 | 0626 | 0727 | 0727 | 0727 | 0626 | 0626 | 0727 | 0525 | 0728 | 0625 | 0625 | 0625 | 0529 | 0628 | 0623 | 0722 | 0722 | 0727 | 0727 | 0424 | |
| | 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 | 00191 | 00192 | |

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 | 1 2.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Basophilic Focus | | | | X | | | | | X | | | | | | | | | | | | X | | | | | | | | 8 |
| Clear Cell Focus | X | X | X | X | X | | | | X | X | | | | | | | | | | | | | | | | X | | | 21 |
| Degeneration, Cystic | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Eosinophilic Focus | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 3.0 |
| Hematopoietic Cell Proliferation | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 |
| Hepatodiaphragmatic Nodule | | | | X | | | | | | | | | | X | X | | | | | | | | | | | | | | 4 |
| Inflammation | | | | | 1 | 1 | 1 | | | | | 1 | 1 | 1 | | | | | | | | | | | | 1 | 1 | 1 | 17 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 | 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 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3.0 | |
| Oral Mucosa
Gingival, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | 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 | 1.0 | |
| 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 | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
 X .. Lesion present
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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 | | | |
| Islets, Pancreatic Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 | 3.0 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | |
| Pituitary Gland Hemorrhage | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 2 | 2.0 |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 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 | 1 | 1.0 |
| 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 | 7 | 1.7 |
| Duct, Hyperplasia, Squamous | | | 1 | | | | | | | | | | | | | | | | | | 2 | | | 3 | | 1 | 1.0 |
| Prostate Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 44 | 1.9 |
| Epithelium, Hyperplasia | 3 | | | 1 | | 2 | 2 | 1 | 3 | 1 | 3 | 1 | 3 | | 1 | 3 | 1 | 1 | 3 | 1 | 3 | 1 | 3 | 1 | | 5 | 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

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 | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | |
|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|-------|-------|-------|
| | 077 | 077 | 078 | 077 | 078 | 077 | 066 | 066 | 077 | 077 | 077 | 066 | 066 | 077 | 055 | 077 | 066 | 066 | 055 | 066 | | 066 | 077 | 077 | 074 |
| 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 | |
| Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cyst | | | | | | | | | | | 4 | | | | | | | | | | | | | | 1 4.0 |
| Bilateral, Germinal Epithelium, Atrophy | | | | | | | | | | | | | | | | | | 4 | | | | | | | 1 4.0 |
| Germinal Epithelium, Atrophy | | | 4 | | 2 | | | | | | | | | | 2 | 2 | | | | | | | 3 | | 9 2.6 |
| Interstitial Cell, Hyperplasia | | | 2 | | | | | 2 | | | | | | | 1 | 1 | | | | | | | | | 8 1.5 |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia | | | | | | | | 4 | 4 | | | | | | 4 | | | | 3 | 4 | | | | | 9 3.9 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Lymph Node | | | | | | | | | + | | | | | | + | + | | | + | + | | | | | 7 |
| Deep Cervical, Hemorrhage | | | | | | | | 3 | | | | | | | 2 | | | | | | | | | | 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 | 0 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Degeneration, Cystic | | | 2 | 2 | | | | 3 | | | | | | | | | | | | | | | | | 5 2.0 |
| Hemorrhage | | | | | | | | | 4 | | | | | | | | | | 3 | | | | | | 2 3.5 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | 2 | | | | | | | | | | | | 1 2.0 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Infarct | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Thrombosis | | | | | | | | | | | | | | | | | | 3 | | | | | | | 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
75 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-----------------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
| | 07 | 07 | 07 | 07 | 07 | 07 | 06 | 06 | 07 | 07 | 07 | 06 | 06 | 07 | 05 | 07 | 06 | 06 | 05 | 06 | 07 | 07 | 07 | 04 | |
| 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 | |
| | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 2 | |
| | 77 | 77 | 77 | 77 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 00 | |
| | 66 | 77 | 88 | 99 | 00 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 00 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | |

Capsule, Fibrosis 2 1 2.0
 Capsule, Inflammation 1 2.0

Thymus + 47
 Ectopic Parathyroid Gland 1 1 1.0
 Epithelial Cell, Hyperplasia 4 1 4.0

INTEGUMENTARY SYSTEM

Mammary Gland + 50
 Skin + 50
 Fibrosis 3 1 3.0
 Hyperkeratosis 3 1 3.0
 Hyperplasia 3 3 2 3.0
 Inflammation 3 1 3.0
 Ulcer 1 2.0
 Control, Hyperkeratosis 1 2.0
 Control, Hyperplasia 1 2.0
 Control, Inflammation 1 1.0
 Control, Sebaceous Gland, Hyperplasia 1 1.0
 Sebaceous Gland, Site Of Application, Hyperplasia 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 1 48 1.1
 Site Of Application, Hyperkeratosis 2 2 2 2 1 1 2 2 1 2 1 2 2 1 2 1 1 1 2 1 1 1 1 48 1.6
 Site Of Application, Hyperplasia 2 2 1 1 1 2 2 1 1 2 1 1 1 1 1 1 1 1 1 1 2 1 1 1 50 1.2
 Site Of Application, Inflammation 2 2 2 1 1 2 2 1 1 2 1 1 1 1 1 2 1 1 1 1 1 2 1 2 46 1.3
 Site Of Application, Ulcer 1 1.0

MUSCULOSKELETAL SYSTEM

Bone + 50

* .. 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 FEMALE
0 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) | |
|---------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------------------|------------------|
| | 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 |
| 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

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

| DAY ON TEST | FISCHER 344 RATS FEMALE | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(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 | 6 | 5 | 6 | 7 | 7 | 7 | 1 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 2 | 5 | |
| 2 | 4 | 2 | 3 | 5 | 0 | 2 | 2 | 2 | 9 | 2 | 9 | 0 | 2 | 2 | 0 | 2 | 5 | 2 | 8 | 2 | 2 | 2 | 2 | 3 | 3 | | |
| 9 | 1 | 8 | 3 | 1 | 9 | 8 | 9 | 9 | 8 | 5 | 8 | 9 | 9 | 5 | 9 | 2 | 9 | 0 | 9 | 9 | 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 | 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 | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 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 | 0 | | |

Inflammation

2

1

CARDIOVASCULAR SYSTEM

Blood Vessel

+ +

Heart

+ +

Cardiomyopathy

2 1 3 2 2 3 2 2 2 1 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

Hypertrophy

1 1 1 1 1 2 1 1

Vacuolization Cytoplasmic

2 1 1 1 2 1 1 1

Adrenal Medulla

+ +

Hyperplasia

1 1

Islets, Pancreatic

+ +

Parathyroid Gland

+ +

Pituitary Gland

+ +

Hemorrhage

3

Pars Distalis, Cyst

3

Pars Distalis, Hyperplasia

4 4 1 1 4 3 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:

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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

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Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------------|
| FISCHER 344 RATS FEMALE | 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 | 0 | 0 | 0 | | |
| | 7 | 6 | 7 | 6 | 5 | 6 | 7 | 7 | 7 | 1 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 2 | 5 | |
| 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 | | |
| | 2 | 4 | 2 | 3 | 5 | 0 | 2 | 2 | 2 | 9 | 2 | 9 | 0 | 2 | 2 | 0 | 2 | 5 | 2 | 8 | 2 | 2 | 2 | 3 | 3 | |
| | 9 | 1 | 8 | 3 | 1 | 9 | 8 | 9 | 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 | 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 | | |

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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BLANK .. Not examined microscopically

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Pyrogallol

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Lab: BAT

| FISCHER 344 RATS FEMALE
0 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | 06022 | 07228 | 07228 | 06724 | 07729 | 06628 | 05621 | 06626 | 07728 | 07728 | 07728 | 07728 | 06624 | 06629 | 07722 | 07722 | 07728 | 05520 | 07722 | 06628 | 07722 | 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 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|-----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Erosion | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4.0 | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Parasite Metazoan | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Parasite Metazoan | | | | | | | | | | | | | | | | | | | | | | | | | | X | 3 | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Parasite Metazoan | | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Peyer's Patch, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1.0 | |
| Serosa, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |
| Basophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | X | 31 |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | X | 9 |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | | | | | X | 2 |

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

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X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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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
0 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | | | |
|---------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---|-----|-----|-----|
| | 06
02
22
66 | 07
02
22
67 | 07
02
22
68 | 06
07
22
64 | 07
02
22
69 | 07
02
22
68 | 06
05
22
64 | 05
06
22
61 | 06
03
22
66 | 07
02
22
68 | 07
02
22
69 | 07
02
22
68 | 06
04
22
66 | 06
09
22
61 | 07
02
22
69 | 07
02
22
68 | 05
00
22
65 | 07
02
22
69 | 06
07
22
66 | 07
02
22
67 | | 07
02
22
68 | 07
02
22
68 | | | | | | |
| ANIMAL ID | 00
00
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22
66 | 00
00
22
22
67 | 00
00
22
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68 | 00
00
22
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69 | 00
00
22
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60 | 00
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74 | 00
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75 | 00
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76 | 00
00
22
22
77 | 00
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22
22
78 | 00
00
22
22
79 | 00
00
22
22
80 | | | | |
| Fatty Change | 3 | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2.5 | | |
| Hepatodiaphragmatic Nodule | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Inflammation | 3 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | | | | | | | 1 | | | | | | | | | 1 | 1 | 23 | 1.1 |
| Mixed Cell Focus | | | | | X | | | | | | | X | | | | | | | | | | | | | | | 5 | | |
| Bile Duct, Hyperplasia | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 10 | 1.0 | |
| Hepatocyte, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | 1 | | 2 | | | | 1 | | | | | | | 2 | 1 | | | | | | | 1 | 12 | 1.3 | |
| Hepatocyte, Midzonal, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Portal, Fibrosis | | | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 | 4 | 1.0 | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | + | | | | + | | | | | | | | | | | | | | 8 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 3.0 | |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gingival, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Gingival, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Acinus, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acinus, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | 1.4 | |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 2.0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2.0 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | 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

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
| FISCHER 344 RATS FEMALE
0 MG/KG | DAY ON TEST | 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 | 07 | 07 | * TOTALS |
| | | 00 | 02 | 02 | 07 | 02 | 02 | 06 | 06 | 03 | 02 | 02 | 02 | 02 | 04 | 09 | 02 | 02 | 02 | 00 | 02 | 07 | 02 | 02 | 02 | 02 | 02 | 02 | |
| | 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 | |

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

Hypertrophy

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

Vacuolization Cytoplasmic

3 1 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 2 3 4 19 2.4

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

+ .. Tissue examined microscopically

M .. Missing tissue

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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 |
| 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 |
| | 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 |
| | 67 | 78 | 89 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 00 |

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

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | 2 | | | | | 3 3.0 |
| Inflammation | | | | | | | | | | | | | 2 | | | | | | | | | | | 3 2.0 |
| Duct, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cyst | | | | | | | | | | | | | | | | | | | | 2 | | | | 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 | | | | | | | | | | | | | | | | | | | | 2 | | | | 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
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|---|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|----------|
| | 06022 | 07228 | 07744 | 06729 | 07728 | 06641 | 05636 | 06728 | 07728 | 07728 | 06646 | 06679 | 07729 | 07728 | 06505 | 07722 | 06728 | 07728 | 06678 | 07728 | 07728 | 06728 | 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 | | |
| 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 | 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 | |

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| 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 | |
| | 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 | 33 | 33 | 33 | 33 | 44 | 44 | 44 | 44 | 44 | 44 | |
| | 66 | 77 | 88 | 99 | 00 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 00 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | |

Cerebellum, Gliosis
Cerebrum, Necrosis

1
3

1 1.0
1 3.0

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Fibrosis | | | | | | | | | | | | | | | | | | | | 1 | | | | 2 1.0 |
| Inflammation | | | | | 2 | | | | | | 1 | | | | | | | | | 1 | | | | 8 1.3 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | 1 | | | | 1 1.0 |
| Alveolar Epithelium, Hyperplasia | | | | | 1 | | | | | | | | | | | | | | | | | | 2 | 6 2.0 |
| Alveolus, Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation | | | | 1 | 3 | | | | | 2 | | | | 1 | | | | | | | 1 | | | 11 1.7 |
| Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Thrombosis | | | | | | | | | | | | | | | 3 | | | | | | | | | 1 3.0 |
| Goblet Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | 1 | | 2 | 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 3.0 |
| Synechia | | | | | | | | | | | | 3 | | | | | | | | | | | | 1 3.0 |
| Optic Nerve, Atrophy | | | | | 3 | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Retina, Atrophy | | | | | 4 | | | | | | | 4 | | | | | | | | | | | | 3 4.0 |

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

+ .. Tissue 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 FEMALE

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 | 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 | 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 | | |
| | 2 | 2 | 2 | 7 | 2 | 2 | 6 | 6 | 3 | 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 | 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 | | |
| | 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 | | |

Retina, Developmental Malformation 1 1.0

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | 1 | | | | | 1 1.0 |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | 1 | | 2 1.0 |
| Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | 1 | | | | | 1 1.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|---|--------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Inflammation | | | | | 1 | | | | | | | | | | | | | | | | | | | 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:
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| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|------|------|------|------|
| FISCHER 344 RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | | | | | females
(cont...) | | | | |
| | 0728 | 0729 | 0739 | 0745 | 0752 | 0767 | 0776 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | | 0777 | | | |
| | 0828 | 0829 | 0839 | 0845 | 0852 | 0867 | 0876 | 0877 | 0877 | 0877 | 0877 | 0877 | 0877 | 0877 | 0877 | 0877 | 0877 | 0877 | 0877 | 0877 | | 0877 | 0877 | | |
| 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 |
| 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | 0099 | 0100 | 0101 | | 0102 | 0103 | 0104 | 0105 |

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 | | | | | | | | | | | | | | | | | | | | | | | | |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatodiaphragmatic Nodule | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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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A .. Autolysis precludes evaluation

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5 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
|------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|
| | 0728 | 0729 | 0739 | 0745 | 0752 | 0767 | 0776 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | 0777 | | |
| ANIMAL ID | 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 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|--|
| 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, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | |
| Hyperplasia | 1 | | | | | 1 | 1 | 2 | 1 | 2 | | | 2 | | | | 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 | 3 | | | | | | | | | | | | | | | 3 | 3 | | | | 2 | |
| Pars Distalis, Hyperplasia | | | | | | | | 3 | | | 4 | 3 | 3 | | | | 3 | | | 2 | 1 | | | | 4 | | | | | | | | |
| Pars Distalis, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C-cell, Hyperplasia | 3 | 1 | | | | | 1 | 1 | 1 | 1 | 1 | 1 | | | | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 3 | | | 1 | 3 | | | | | | |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |

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

+ .. Tissue examined microscopically

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I .. Insufficient tissue

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| FISCHER 344 RATS FEMALE
5 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(cont...) |
|------------------------------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|----------------------|
| | 078 | 079 | 049 | 057 | 029 | 071 | 068 | 077 | 077 | 053 | 077 | 077 | 077 | 077 | 077 | 077 | 066 | 077 | 077 | 055 | 077 | 077 | 077 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 001 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 002 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 005 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 008 | | |

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

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------------|
| Mammary Gland
Inflammation
Duct, Cyst | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1
1 |
| Skin
Hyperkeratosis
Site Of Application, Hyperkeratosis
Site Of Application, Hyperplasia
Site Of Application, Inflammation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 1
1
1
1
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
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| 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 | 29 | 29 | 95 | 44 | 28 | 29 | 28 | 29 | 34 | 88 | 98 | 68 | 22 | 29 | 28 | 28 | 200 | |
| 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 | 50 | |

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

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|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|------|--------|-------|
| | 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 | | | | | | | | | | | | | | 3 | | | | 3 | | | | 3 | 11 3.0 | |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | | | | | + | 2 | |
| Gingival, Cyst | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 | |
| Gingival, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Basophilic Focus | | | | | | | | | | | | X | | | | | | | | | | | | 1 | |
| Acinus, Atrophy | | | 3 | 3 | | | | 1 | 2 | | | | | 1 | 2 | 2 | | | | | | 1 | | 13 2.0 | |
| Acinus, Hyperplasia | 1 | | | | 2 | 1 | | | | | | | | | | | | | | | | | | 8 1.6 | |
| Duct, Cyst | 1 | | | | | | | | | | | 2 | | | | | | | | | | | | 2 1.5 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Stomach, Forestomach Ulcer | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | 3 4.0 | |
| Stomach, Glandular Erosion | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| | | | | | | | | 3 | | | | | | | | | | | | | | | | 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

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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
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 | 9 | 7 | 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 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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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

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

Lab: BAT

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

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

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Larynx | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Foreign Body | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|--|
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Goblet Cell, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nasolacrimal Duct, Inflammation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Squamous Epithelium, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vomeranasal Organ, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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M .. Missing tissue
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BLANK .. Not examined microscopically
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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
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 | 1
1
3
1 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Cyst | | | | | | | 3 | | 2 | 4 | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | | | | 4 | 1 | 3 | 1 | 3 | 1 | | | | 3 | 2 | | | | 1 | | | 3 | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| C-cell, Hyperplasia | 1 | 2 | | | | | 1 | | 2 | | 1 | | | 1 | | | | | | 3 | 1 | 1 | 2 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation | | 2 | | | | 2 | | | | | | | | | | | | | 2 | | 2 | | |
| Duct, Dilatation | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cyst | | | | | | | | | 3 | | | | | | | | | | | | 3 | 3 | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Endometrium, Cyst | | | | | | | | | | | | | | | | | | | | | | | |
| Endometrium, Edema | | | | | | | | | | | | | | | 4 | | | | | | | | |
| Endometrium, Hyperplasia, Cystic | | | | | | | | 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

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20 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | females
(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 | | |
| | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 6 | 7 | 4 | 7 | 7 | 7 | 6 | 5 | 6 | 4 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 0 | |
| | 2 | 0 | 3 | 2 | 2 | 2 | 2 | 1 | 2 | 6 | 2 | 2 | 2 | 9 | 9 | 3 | 9 | 0 | 2 | 2 | 3 | 0 | 2 | 2 | 0 | |
| | 0 | 0 | 8 | 8 | 8 | 8 | 9 | 7 | 8 | 8 | 8 | 8 | 9 | 1 | 9 | 2 | 5 | 0 | 8 | 9 | 2 | 1 | 9 | 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 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 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 | 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 | |

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

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

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

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

* .. 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

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

I .. Insufficient tissue

BLANK .. Not examined microscopically

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 | | | | | |
|-------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------|
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| 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

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M .. Missing tissue

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Experiment Number: 99032 - 03
 Test Type: CHRONIC
 Route: SKIN APPLICATION
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 Pyrogallol
 CAS Number: 87-66-1

Date Report Requested: 05/30/2012
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 Lab: BAT

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

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Hyperplasia | | | | | | | | | 4 | | 4 | 4 | | | 4 | | | | | | | | | 10 | 4.0 | |
| Myelofibrosis | | | | | | | | | | | | 3 | | | | | | 2 | | | | | | 2 | 2.5 | |
| Lymph Node | | + | | | | | | | | | | | | | | | + | | | | + | | | 4 | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | 3 | | 1 | 3.0 | |
| Mediastinal, Hemorrhage | | 3 | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Mediastinal, Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 | 2.0 | |
| Pancreatic, Hemorrhage | | | | | | | | | | | | | | | | 4 | | | | | | | | 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 | 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 | | 2 | 4 | | 3 | | | | | 3 | | | | | | | | | | | | | | 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

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Pyrogallol

CAS Number: 87-66-1

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Time Report Requested: 11:40:45

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Lab: BAT

| DAY ON TEST | FISCHER 344 RATS FEMALE | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|-------------|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|--------|--------|
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| 20 MG/KG | 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 | 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 |

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 23 1.0

Site Of Application, Hyperplasia 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 M .. Missing tissue 1-4 .. Lesion qualified as:
X .. Lesion present A .. Autolysis precludes evaluation 1) Minimal 3) Moderate
I .. Insufficient tissue BLANK .. Not examined microscopically 2) Mild 4) Marked

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Lab: BAT

| FISCHER 344 RATS FEMALE
75 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) |
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| 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 | | | 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

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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 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 | ANIMAL ID | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | 0728 | | 0728 | 0728 | |
| | | 0035 | 0035 | 0035 | 0035 | 0035 | 0035 | 0035 | 0035 | 0035 | 0035 | 0035 | 0035 | 0035 | 0035 | 0035 | 0035 | 0035 | 0035 | 0035 | 0035 | | 0035 | 0035 | 0035 |
| | | 1234 | 1234 | 1234 | 1234 | 1234 | 1234 | 1234 | 1234 | 1234 | 1234 | 1234 | 1234 | 1234 | 1234 | 1234 | 1234 | 1234 | 1234 | 1234 | 1234 | 1234 | 1234 | 1234 | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydrocephalus | | | | | | | | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Congestion | | | | | | 2 | | | | | | | | | | | | | | | | | |
| Inflammation | | | | | | | | | | | | | 1 | | | | | 1 | | | 1 | | 1 |
| Alveolar Epithelium, Hyperplasia | | | 2 | | 1 | | | | | | | | | | | | | 2 | 2 | | 1 | | |
| Alveolus, Infiltration Cellular, Histiocyte | | | 1 | | | 1 | | | | | | | | | | | | | | | | | |
| Alveolus, Pigmentation, Hemoglobin | | | | | | | | | | | 1 | | | | | | | | | | | | |
| Bronchiole, Hyperplasia | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Inflammation | | | | | | | 3 | | | | | | | | 1 | | | | | | | | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | |
| Anterior Chamber, Exudate | | | | | | | | | | | | | | | | | | | | | | | |
| Posterior Chamber, Exudate | | | | | | | | | | | | | | | | | | | | | | | |
| Retina, Dysplasia | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | 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
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Pyrogallol

CAS Number: 87-66-1

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Lab: BAT

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

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 | | | 3 2.7 |
| Basophilic Focus | | 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

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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Pyrogallol

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75 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---------------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--------|
| | 07122 | 07228 | 07728 | 06322 | 07728 | 06722 | 07728 | 06722 | 07728 | 06722 | 07728 | 06722 | 07728 | 06722 | 07728 | 06722 | 07728 | 06722 | 07728 | 06722 | | 07728 |
| 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 | | | | | | | | | 3 | | | | 3 | | | | | | | | | 10 3.0 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Acinus, Atrophy | | | | | | | | | | 3 | | | 2 | 1 | | | | 1 | 2 | | | 15 1.5 |
| Acinus, Hyperplasia | | | | | | | | | | | 2 | 2 | | | | | | | | | 2 | 5 2.0 |
| Duct, Cyst | | | | | | | | | | | | | | | | | | | | | | 2 2.5 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation | | | | | | | | | | | | | | | | | | | | 1 | | 3 1.7 |
| Ulcer | | | | | | | | | | | | | | | | | | | 4 | | | 3 4.0 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 3 2.3 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Inflammation | | | | | | | | | | | | | | | | | | | | 1 | | 2 1.0 |
| Epithelium, Cyst | | | 1 | | | | | | | | | | | | | | | | | | | 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
M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
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Lab: BAT

| FISCHER 344 RATS FEMALE
75 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 | 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 | | |
| | 2 | 8 | 8 | 2 | 8 | 8 | 2 | 8 | 9 | 9 | 8 | 9 | 6 | 9 | 0 | 9 | 8 | 9 | 2 | 4 | 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 | 8 | 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 | | |
| Cardiomyopathy | 1 | 2 | 1 | 2 | 2 | | 1 | 2 | 1 | 2 | 1 | | 3 | 1 | 1 | | 1 | 1 | 1 | | 1 | 1 | 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 | 2 | 1 | | | 3 | | 2 | 1 | 1 | 2 | 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 | | 4 | 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 | 3 | | 31 1.7 |

* .. 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 | |
|-------------|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------|
| | 071228 | 07228 | 07728 | 06328 | 07228 | 07728 | 06728 | 07728 | 07728 | 07728 | 06728 | 07628 | 07528 | 04428 | 07228 | 06728 | 06628 | 07228 | 07728 | 06728 | | 06728 |
| ANIMAL ID | 00376 | 00377 | 00378 | 00379 | 00380 | 00381 | 00382 | 00383 | 00384 | 00385 | 00386 | 00387 | 00388 | 00389 | 00390 | 00391 | 00392 | 00393 | 00394 | 00395 | 00396 | 00397 |

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 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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 | 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 | | |
| 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 | 50 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|-----|
| 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 | 4 | 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
BLANK .. Not examined microscopically
1-4 .. Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

