

TDMS No. 88133 - 07
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Trimethylolpropane triacrylate
CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
Time Report Requested: 13:41:41
First Dose M/F: 01/18/05 / 01/18/05
Lab: SRI

C Number: C88133C
Lock Date: 10/30/2007
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.2.0

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

FISCHER 344 RATS MALE		DAY ON TEST																												males (cont...)
		0366	0015	0729	0015	0659	0731	0734	0636	0376	0729	0731	0734	0636	0376	0535	0731	0376	0366	0729	0535	0731	0376	0015	0019	0731	0015	0734	0366	
0 MG/KG		ANIMAL ID																												males (cont...)
		0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
		0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
		0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
		0001	0002	0003	0004	0005	0006	0007	0008	0009	0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	0020	0021	0022	0023	0024	0025	0026	0027	0028	

ALIMENTARY SYSTEM

Esophagus		+		+	+	+	+		+	+	+	+		+	+	M		+	+	+	+		+				
Intestine Large, Cecum Edema		+		+	+	+	+		+	+	+	+		+	+	+		+	+	+	+		+				
Intestine Large, Colon		+		+	+	+	+		+	+	+	+		+	+	+		+	+	+	+		+				
Intestine Large, Rectum Edema		+		+	+	+	+		+	+	+	+		+	+	+		I	+	+	+		+				
Intestine Small, Duodenum Epithelium, Hyperplasia		+		+	+	+	+		+	+	+	+		+	+	+		+	+	+	+		+				
Intestine Small, Ileum		+		A	+	+	+		+	+	+	+		+	+	+		+	+	+	+		+				
Intestine Small, Jejunum		+		A	+	+	+		+	+	+	+		+	+	+		+	+	+	+		+				
Liver		+		+	+	+	+		+	+	+	+		+	+	+		+	+	+	+		+				
Angiectasis																											
Basophilic Focus						X			X	X	X							X	X						X		
Clear Cell Focus					X													X							X		
Degeneration, Cystic																											
Eosinophilic Focus									X																		
Hematopoietic Cell Proliferation									X																		
Hepatodiaphragmatic Nodule																									X		
Infiltration Cellular, Mixed Cell							1					2															
Inflammation, Suppurative																								4			
Mixed Cell Focus									X	X																	

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

FISCHER 344 RATS MALE 0 MG/KG		DAY ON TEST																												males (cont...)
		0 3 6 6	0 0 1 5	0 7 2 9	0 0 1 5	0 6 5 9	0 7 3 0	0 7 3 1	0 6 7 4	0 3 6 6	0 7 2 9	0 7 3 0	0 7 3 1	0 6 8 0	0 3 6 6	0 7 3 0	0 5 5 0	0 7 3 0	0 3 6 6	0 7 2 9	0 5 9 1	0 7 0 4	0 7 0 2	0 0 9 1	0 7 3 0	0 3 6 6				
		0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 0 9	0 0 0 0 0	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 0 9	0 0 0 0 0	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5				
Necrosis																														2
Necrosis, Focal																														2
Thrombosis																														
Bile Duct, Hyperplasia																														2
Centrilobular, Necrosis																														1
Hepatocyte, Vacuolization Cytoplasmic																														4
Kupffer Cell, Pigmentation																														4
Oval Cell, Hyperplasia																														3
Mesentery																														+
Accessory Spleen																														X
Hemorrhage																														
Fat, Necrosis																														3
Pancreas																														+
Atrophy																														4
Cyst																														3
Acinus, Cytoplasmic Alteration																														
Acinus, Hyperplasia, Focal																														2
Salivary Glands																														+
Atrophy																														2
Stomach, Forestomach																														+
Edema																														
Inflammation, Chronic Active																														
Perforation																														X
Ulcer																														4
Epithelium, Hyperplasia																														3
Stomach, Glandular																														+

males
(cont...)

* .. 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

TDMS No. 88133 - 07
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Trimethylolpropane triacrylate
CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
Time Report Requested: 13:41:41
First Dose M/F: 01/18/05 / 01/18/05
Lab: SRI

DAY ON TEST		0366	0159	0215	0739	0731	0649	0366	0079	0730	0731	0630	0079	0636	0730	0530	0730	0376	0719	0591	0744	0702	0091	0730	0366	males (cont...)
		0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
ANIMAL ID		0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
		0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
		0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
FISCHER 344 RATS MALE		0366	0159	0215	0739	0731	0649	0366	0079	0730	0731	0630	0079	0636	0730	0530	0730	0376	0719	0591	0744	0702	0091	0730	0366	
0 MG/KG		0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	

[illegible]

CARDIOVASCULAR SYSTEM

Blood Vessel	+															
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiomyopathy	3	2	3	2	1	2	3	3	3	2	2	3	2	2	3	3
Inflammation, Suppurative															4	
Thrombosis					4					4						3

ENDOCRINE SYSTEM

[illegible]

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

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

Parathyroid Gland

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

Pituitary Gland

+ + + + + + + + + A + + + + + + +

Hyperplasia
 Pigmentation

Pars Distalis, Angiectasis

Pars Distalis, Atrophy

Pars Distalis, Cyst

Pars Distalis, Hyperplasia

Pars Intermedia, Cyst

3

Thyroid Gland

+ + + + + + + + + + + + + + + + +

Ultimobranchial Cyst

3

C-cell, Hyperplasia

1 2

Follicle, Cyst

3

GENERAL BODY SYSTEM

Tissue NOS

GENITAL SYSTEM

Epididymis

Inflammation, Chronic

+ + + + + + + + + + + + + + + + +

1

Preputial Gland

Inflammation, Chronic

+ + + + + + + + + + + + + + + + +

2 2 2 3 1 2

Prostate

Inflammation, Chronic

+ + + + + + + + + + + + + + + + +

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

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

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

Epithelium, Hyperplasia

Seminal Vesicle

Testes

Artery, Inflammation, Chronic

Germinal Epithelium, Atrophy

Interstitial Cell, Hyperplasia

HEMATOPOIETIC SYSTEM

Bone Marrow

Hyperplasia

Myelofibrosis

Lymph Node

Deep Cervical, Ectasia

Deep Cervical, Hyperplasia, Lymphoid

Mediastinal, Ectasia

Mediastinal, Hemorrhage

Mediastinal, Hyperplasia, Lymphoid

Mediastinal, Pigmentation

Pancreatic, Ectasia

Pancreatic, Hemorrhage

Pancreatic, Hyperplasia, Lymphoid

Lymph Node, Mandibular

Ectasia

Lymph Node, Mesenteric

Ectasia

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

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

Hemorrhage
 Hyperplasia, Atypical
 Hyperplasia, Lymphoid
 Necrosis
 Pigmentation

2 2 2 3 2 3 2

Spleen
 Accessory Spleen
 Fibrosis
 Hematopoietic Cell Proliferation
 Hemorrhage
 Necrosis
 Pigmentation
 Lymphoid Follicle, Atrophy

+ + + + + + + + + + 3 2 3

Thymus

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

INTEGUMENTARY SYSTEM

Mammary Gland
 Hyperplasia

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

Skin
 Ulcer
 Epidermis, Hyperplasia
 Epidermis, Site Of Application, Hyperplasia
 Site Of Application, Hyperkeratosis

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

MUSCULOSKELETAL SYSTEM

Bone

+ + + + + + + + + + + + + + +

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

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

Fibrous Osteodystrophy

Skeletal Muscle
 Hemorrhage

NERVOUS SYSTEM

| |
|-------------|
| Brain |
| Compression | |
| Hemorrhage |
| Necrosis |

Peripheral Nerve

Spinal Cord

RESPIRATORY SYSTEM

| | |
|---|--|
| Lung |
| Edema |
| Hemorrhage |
| Infiltration Cellular, Histiocyte |
| Inflammation, Suppurative |
| Inflammation, Chronic |
| Pigmentation, Hemosiderin |
| Thrombosis |
| Alveolar Epithelium, Hyperplasia |
| Alveolar Epithelium, Metaplasia, Squamous | |

| |
|--------------|
| Nose |
| Foreign Body | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0 MG/KG | | DAY ON TEST | 0
3
6
6 | 0
0
1
5 | 0
7
2
9 | 0
0
1
5 | 0
6
5
9 | 0
7
3
0 | 0
7
3
1 | 0
6
7
4 | 0
3
6
6 | 0
7
2
9 | 0
7
3
0 | 0
6
8
0 | 0
3
6
0 | 0
5
5
0 | 0
7
3
0 | 0
3
6
6 | 0
7
2
9 | 0
5
9
1 | 0
7
0
4 | 0
7
0
2 | 0
0
9
1 | 0
7
3
0 | 0
3
6
6 | males
(cont...) | | |
|--|--|-------------|--------------------|-----------------------|-----------------------|
| | | ANIMAL ID | 0
0
0
0
1 | 0
0
0
0
2 | 0
0
0
0
3 | 0
0
0
0
4 | 0
0
0
0
5 | 0
0
0
0
6 | 0
0
0
0
7 | 0
0
0
0
8 | 0
0
0
0
9 | 0
0
0
0
0 | 0
0
0
0
1 | 0
0
0
0
2 | 0
0
0
0
3 | 0
0
0
0
4 | 0
0
0
0
5 | 0
0
0
0
6 | 0
0
0
0
7 | 0
0
0
0
8 | 0
0
0
0
9 | 0
0
0
0
0 | 0
0
0
0
1 | 0
0
0
0
2 | 0
0
0
0
3 | | 0
0
0
0
4 | 0
0
0
0
5 |
| | | | | | |
| Fungus | | | | | |
| Inflammation, Chronic | | | | | 1 | | | 1 | | | | | | | 1 | | | | | | | | | 1 | | | | |
| Respiratory Epithelium, Hyperplasia | | | | | |
| Respiratory Epithelium, Metaplasia, Squamous | | | | | |
| Trachea | | | | | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | + | + | | + | | | |
| Inflammation, Chronic | | | | | |
| SPECIAL SENSES SYSTEM | | | | | |
| Eye | | | | | + | | + | + | + | + | | + | + | + | + | | + | + | + | | + | + | + | + | | + | | |
| Cataract | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | |
| Inflammation, Chronic | | | | | |
| Cornea, Hyperplasia | | | | | |
| Retina, Degeneration | | | | | | | | | | | | 1 | 1 | | 2 | | | | 3 | 2 | | 1 | | | | | | |
| Harderian Gland | | | | | + | | + | + | + | + | | + | + | + | + | | + | + | + | + | | | | + | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | |
| Zymbal's Gland | | | | | | | | | | | | | | + | | | | | | | | | | | | | | |
| URINARY SYSTEM | | | | | |
| Kidney | | | | | + | | + | + | + | + | | + | + | + | + | | + | + | + | + | | + | | + | | | | |
| Infarct | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| Nephropathy | | | | | 2 | | 3 | 3 | 2 | 3 | | 3 | 2 | 1 | 1 | | 1 | 3 | 2 | | 2 | 1 | 3 | 2 | | 1 | | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | 2 | | | | | |
| Renal Tubule, Dilatation | | | | | |
| Renal Tubule, Necrosis | | | | 1 | | | | |
| Renal Tubule, Pigmentation | | | | | | | | | | 3 | | | | | 2 | | | | | | | | 2 | | | | | |

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

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

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

Date Report Requested: 03/31/2010
Time Report Requested: 13:41:41
First Dose M/F: 01/18/05 / 01/18/05
Lab: SRI

Page 10

Date Report Requested: 03/31/2010
Time Report Requested: 13:41:41
First Dose M/F: 01/18/05 / 01/18/05
Lab: SRI

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0 MG/KG | | DAY ON TEST | | males
(cont...) | | |
|---------------------------------------|--|-----------------------|--------------------|--|------------------|
| | | 0
7
2
9 | 0
4
3
9 | 0
6
0
6 | 0
0
1
5 | 0
7
2
9 | 0
6
7
6 | 0
7
2
9 | 0
7
0
2 | 0
6
2
5 | 0
0
1
5 | 0
6
3
5 | 0
0
9
1 | 0
6
2
2 | 0
7
3
1 | 0
5
0
4 | 0
5
8
1 | 0
6
0
6 | 0
7
3
0 | 0
7
3
0 | 0
5
6
7 | 0
7
0
2 | 0
0
1
5 | 0
0
9
1 | 0
6
5
2 | | | 0
7
3
1 |
| | | 0
0
0
2
6 | 0
0
0
2
7 | 0
0
0
2
8 | 0
0
0
2
9 | 0
0
0
3
0 | 0
0
0
3
1 | 0
0
0
3
2 | 0
0
0
3
3 | 0
0
0
3
4 | 0
0
0
3
5 | 0
0
0
3
6 | 0
0
0
3
7 | 0
0
0
3
8 | 0
0
0
4
0 | 0
0
0
4
1 | 0
0
0
4
2 | 0
0
0
4
3 | 0
0
0
4
4 | 0
0
0
4
5 | 0
0
0
4
6 | 0
0
0
4
7 | 0
0
0
4
8 | 0
0
0
4
9 | 0
0
0
5
0 | | | |
| Necrosis | | | | | |
| Necrosis, Focal | | 1 | | | |
| Thrombosis | | | | | |
| Bile Duct, Hyperplasia | | 1 | | 2 | | | 1 | 1 | | 1 | | 1 | 1 | | 2 | 3 | 2 | 2 | 2 | 1 | | | | | | | | |
| Centrilobular, Necrosis | | 2 | | | |
| Hepatocyte, Vacuolization Cytoplasmic | | 3 | | | |
| Kupffer Cell, Pigmentation | | | | | |
| Oval Cell, Hyperplasia | | 3 | | | |
| | | | | | |
| Mesentery | | | + | + | | | + | | | | | | + | | + | | | | | | + | | | | | | | |
| Accessory Spleen | | | | | |
| Hemorrhage | | 2 | | | |
| Fat, Necrosis | | 2 | | | | | | 2 | | | | | | 3 | | | | | | 1 | | | | | | | | |
| | | | | | |
| Pancreas | | + | + | + | | + | + | + | + | + | | + | + | + | + | + | + | + | + | | | + | + | | | | | |
| Atrophy | | | 2 | 2 | | | 2 | 1 | 3 | | 4 | | 4 | | | | 2 | 1 | | 1 | | | 4 | 1 | | | | |
| Cyst | | 3 | | | |
| Acinus, Cytoplasmic Alteration | | 3 | | | |
| Acinus, Hyperplasia, Focal | | 3 | | | |
| | | | | | |
| Salivary Glands | | + | + | + | | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | | | + | + | | | | |
| Atrophy | | 2 | | | |
| | | | | | |
| Stomach, Forestomach | | + | + | + | | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | | | + | + | | | | |
| Edema | | 4 | | | |
| Inflammation, Chronic Active | | 3 | | | |
| Perforation | | X | | | |
| Ulcer | | 4 | | | |
| Epithelium, Hyperplasia | | 3 | | | |
| | | | | | |
| Stomach, Glandular | | + | + | + | | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | | | + | + | | | | |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE | | DAY ON TEST | | | |
|-----------------------|--|-------------|--|--------------------|
| | | 0729 | 0439 | 0606 | 0015 | 0729 | 0676 | 0729 | 0729 | 0625 | 0055 | 0655 | 0011 | 0622 | 0721 | 0504 | 0551 | 0606 | 0730 | 0733 | 0567 | 0702 | 0015 | 0091 | 0652 | 0075 | 0631 | | | |
| 0 MG/KG | | ANIMAL ID | | | males
(cont...) |
| | | 00026 | 00027 | 00028 | 00029 | 00030 | 00031 | 00032 | 00033 | 00034 | 00035 | 00036 | 00037 | 00038 | 00039 | 00040 | 00041 | 00042 | 00043 | 00044 | 00045 | 00046 | 00047 | 00048 | 00049 | 00050 | 00051 | 00052 | | |

males
(cont...)

Edema
 Erosion
 Ulcer
 Glands, Hyperplasia

3 2 3 3

Tongue

CARDIOVASCULAR SYSTEM

Blood Vessel

Heart
 Cardiomyopathy
 Inflammation, Suppurative
 Thrombosis

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

ENDOCRINE SYSTEM

Adrenal Cortex
 Accessory Adrenal Cortical Nodule
 Atrophy
 Degeneration, Fatty
 Hyperplasia, Focal
 Hypertrophy, Focal

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

Adrenal Medulla
 Hyperplasia

+
 1 2 1

Islets, Pancreatic
 Hyperplasia

+
 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0 MG/KG | DAY ON TEST | 0
7
2
9 | 0
4
3
9 | 0
6
0
6 | 0
0
1
5 | 0
7
2
9 | 0
6
7
6 | 0
7
2
9 | 0
7
0
2 | 0
6
2
5 | 0
0
1
5 | 0
6
3
5 | 0
0
9
1 | 0
6
2
2 | 0
7
3
1 | 0
5
0
4 | 0
5
8
1 | 0
6
0
6 | 0
7
3
0 | 0
7
3
0 | 0
5
6
7 | 0
7
0
2 | 0
0
1
5 | 0
0
9
1 | 0
6
5
2 | 0
7
3
1 | males
(cont...) |
|--------------------------------------|-------------|--------------------|
| | ANIMAL ID | 0
0
0
2
6 | 0
0
0
2
7 | 0
0
0
2
8 | 0
0
0
2
9 | 0
0
0
3
0 | 0
0
0
3
1 | 0
0
0
3
2 | 0
0
0
3
3 | 0
0
0
3
4 | 0
0
0
3
5 | 0
0
0
3
6 | 0
0
0
3
7 | 0
0
0
3
8 | 0
0
0
3
9 | 0
0
0
4
0 | 0
0
0
4
1 | 0
0
0
4
2 | 0
0
0
4
3 | 0
0
0
4
4 | 0
0
0
4
5 | 0
0
0
4
6 | 0
0
0
4
7 | 0
0
0
4
8 | 0
0
0
4
9 | 0
0
0
5
0 | |
| | | |
| Parathyroid Gland | M | + | + | | + | + | + | + | + | | + | | + | + | + | + | + | + | + | + | + | | | | + | + | |
| Pituitary Gland | + | + | + | | + | + | + | + | + | | + | | + | + | + | + | + | + | + | + | + | | | | + | + | |
| Hyperplasia | | |
| Pigmentation | | | 4 | | | 3 | |
| Pars Distalis, Angiectasis | | | | | | | | | | | 4 | | | | | | | | | | | | 3 | | | | |
| Pars Distalis, Atrophy | | | 3 | | | 3 | |
| Pars Distalis, Cyst | | | | 3 | |
| Pars Distalis, Hyperplasia | | | | 2 | | | | 1 | | 3 | | | | | | | 3 | 2 | | | 4 | | | | | | |
| Pars Intermedia, Cyst | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| Thyroid Gland | + | + | + | | + | + | + | + | + | | + | | + | + | + | + | + | + | + | + | + | | | | + | + | |
| Ultimobranchial Cyst | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | |
| C-cell, Hyperplasia | | | | | | | | | | | | | | | | 3 | | | | | | | 2 | | | 1 | |
| Follicle, Cyst | | |
| GENERAL BODY SYSTEM | | |
| Tissue NOS | + | |
| GENITAL SYSTEM | | |
| Epididymis | + | + | + | | + | + | + | + | + | | + | | + | + | + | + | + | + | + | + | + | | | | + | + | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | |
| Preputial Gland | + | + | + | | + | + | + | + | + | | + | | + | + | + | + | + | + | + | + | + | | | | + | + | |
| Inflammation, Chronic | | | | 2 | | | 2 | | 2 | 2 | 2 | | 2 | 3 | | | | | | | | 3 | | | | | |
| Prostate | + | + | + | | + | + | + | + | + | | + | | + | + | + | + | + | + | + | + | + | | | | + | + | |
| Inflammation, Chronic | 3 | 2 | 2 | | 3 | 3 | | 2 | 1 | | 3 | | 3 | 3 | 3 | 3 | | 3 | | 3 | | 2 | | | | 3 | |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0 MG/KG | | DAY ON TEST | | | males
(cont...) |
|--------------------------------------|--|-------------|--|--------------------|
| | | 0729 | 0439 | 0606 | 0015 | 0729 | 0676 | 0729 | 0729 | 0625 | 0625 | 0625 | 0625 | 0625 | 0625 | 0729 | 0541 | 0541 | 0625 | 0729 | 0729 | 0541 | 0729 | 0015 | 0015 | 0625 | 0625 | 0729 | | |
| ANIMAL ID | | 00026 | 00027 | 00028 | 00029 | 00030 | 00031 | 00032 | 00033 | 00034 | 00035 | 00036 | 00037 | 00038 | 00039 | 00040 | 00041 | 00042 | 00043 | 00044 | 00045 | 00046 | 00047 | 00048 | 00049 | 00050 | 00051 | 00052 | | |
| Epithelium, Hyperplasia | | 1 | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Seminal Vesicle | | + | + | + | | + | + | + | + | + | | + | | + | + | + | + | + | + | + | + | | | | + | + | | | | |
| Testes | | + | + | + | | + | + | + | + | + | | + | | + | + | + | + | + | + | + | + | | | | + | + | | | | |
| Artery, Inflammation, Chronic | | | 3 | | | |
| Germinal Epithelium, Atrophy | | | | 3 | | | | | 1 | | | | | 4 | 3 | 3 | | 4 | | | | | | | | | 4 | | | |
| Interstitial Cell, Hyperplasia | | 1 | | | | 2 | | |
| HEMATOPOIETIC SYSTEM | | | | |
| Bone Marrow | | + | + | + | | + | + | + | + | + | | + | | + | + | + | + | + | + | + | + | | | | + | + | | | | |
| Hyperplasia | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| Myelofibrosis | | | | |
| Lymph Node | | + | | + | | | | | + | + | | | | | + | | + | | | | + | | + | | | | | | | |
| Deep Cervical, Ectasia | | | | |
| Deep Cervical, Hyperplasia, Lymphoid | | | | |
| Mediastinal, Ectasia | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Hemorrhage | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | |
| Mediastinal, Pigmentation | | 3 | | |
| Pancreatic, Ectasia | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | |
| Pancreatic, Hemorrhage | | | | |
| Pancreatic, Hyperplasia, Lymphoid | | | | |
| Lymph Node, Mandibular | | M | + | M | | M | M | M | M | M | | M | | M | M | M | M | M | M | M | M | | | | M | M | | | | |
| Ectasia | | | | |
| Lymph Node, Mesenteric | | + | + | + | | + | + | + | + | + | | + | | + | + | + | + | + | + | + | + | | | | + | + | | | | |
| Ectasia | | 2 | | | | 2 | | 2 | | | |

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0 MG/KG | | DAY ON TEST | | | | | males
(cont...) |
|---|--|-----------------------|---|--|--|--------------------|
| | | 0
7
2
9 | 0
4
3
9 | 0
6
0
6 | 0
0
1
5 | 0
7
2
9 | 0
6
7
6 | 0
7
2
9 | 0
7
0
2 | 0
6
2
5 | 0
0
1
5 | 0
6
3
5 | 0
0
9
1 | 0
6
2
2 | 0
7
3
1 | 0
5
0
4 | 0
5
8
1 | 0
6
0
6 | 0
7
3
0 | 0
7
3
0 | 0
5
6
7 | 0
7
0
2 | 0
0
1
5 | 0
0
9
1 | 0
6
5
2 | 0
7
3
1 | | | | |
| | | 0
0
0
2
6 | 0
0
0
2
7 | 0
0
0
2
8 | 0
0
0
2
9 | 0
0
0
3
0 | 0
0
0
3
1 | 0
0
0
3
2 | 0
0
0
3
3 | 0
0
0
3
4 | 0
0
0
3
5 | 0
0
0
3
6 | 0
0
0
3
7 | 0
0
0
3
8 | 0
0
0
3
9 | 0
0
0
4
0 | 0
0
0
4
1 | 0
0
0
4
2 | 0
0
0
4
3 | 0
0
0
4
4 | 0
0
0
4
5 | 0
0
0
4
6 | 0
0
0
4
7 | 0
0
0
4
8 | 0
0
0
4
9 | 0
0
0
5
0 | | | | |
| Hemorrhage | | 1 | | | | |
| Hyperplasia, Atypical | | 3 | | | | |
| Hyperplasia, Lymphoid | | 2 | 2 | | | 3 | 2 | 2 | | | 2 | | 2 | 2 | 2 | | | | | | | | | | | | | | | |
| Necrosis | | | | | | |
| Pigmentation | | | | | | |
| Spleen | | + | + | + | | | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | | | | + | + | | | | |
| Accessory Spleen | | | X | | | | |
| Fibrosis | | | | | | |
| Hematopoietic Cell Proliferation | | | | 1 | | | | | | 2 | | | | | 3 | | 2 | | | | | | | | | | | | | |
| Hemorrhage | | | | | | 4 | | | | |
| Necrosis | | | | | | 4 | | | | |
| Pigmentation | | | | | | |
| Lymphoid Follicle, Atrophy | | | | | | |
| Thymus | | + | + | M | | | + | + | + | I | + | | + | | + | + | + | + | + | + | I | + | + | | + | + | | | | |
| INTEGUMENTARY SYSTEM | | | | | | |
| Mammary Gland | | + | + | + | | | + | + | + | + | + | | + | | + | + | + | + | + | + | + | + | + | | + | + | | | | |
| Hyperplasia | | 4 | 1 | | | | 2 | 2 | 3 | 3 | 3 | | 4 | | 4 | 2 | 4 | | | 3 | | | 2 | | 4 | | | | | |
| Skin | | + | + | + | | | + | + | + | + | + | | + | | + | + | + | + | + | + | + | + | | + | + | | | | | |
| Ulcer | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | |
| Epidermis, Hyperplasia | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | 2 | | | |
| Epidermis, Site Of Application, Hyperplasia | | | | | | |
| Site Of Application, Hyperkeratosis | | | | | | |
| MUSCULOSKELETAL SYSTEM | | | | | | |
| Bone | | + | + | + | | | + | + | + | + | + | | + | | + | + | + | + | + | + | + | + | + | | + | + | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|--|--|---|---|---|---|---|--|---|--|---|---|---|---|---|---|---|---|---|--|---|---|--|--|
| Mammary Gland | + | + | + | | | + | + | + | + | + | | + | | + | + | + | + | + | + | + | + | | | + | + | | |
| Hyperplasia | 4 | 1 | | | | 2 | 2 | 3 | 3 | 3 | | 4 | | 4 | 2 | 4 | | | 3 | | | 2 | | 4 | | | |
| Skin | + | + | + | | | + | + | + | + | + | | + | | + | + | + | + | + | + | + | + | | | + | + | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epidermis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epidermis, Site Of Application, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site Of Application, Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

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

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 88133 - 07
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Trimethylolpropane triacrylate

CAS Number: 15625-89-5

Date Report Requested: 03/31/2010

Time Report Requested: 13:41:41

First Dose M/F: 01/18/05 / 01/18/05

Lab: SRI

| FISCHER 344 RATS MALE

0 MG/KG | | DAY ON TEST | | | | | | | | | | ANIMAL ID | | | | | | | | | | males
(cont...) | | | |
|--------------------------------------|--|-------------|------|------|------|------|------|------|------|------|------|-----------|------|------|------|------|------|------|------|------|------|--------------------|------|------|------|
| | | 0729 | 0439 | 0606 | 0015 | 0729 | 0676 | 0729 | 0772 | 0065 | 0055 | 0605 | 0091 | 0062 | 0731 | 0054 | 0066 | 0030 | 0700 | 0567 | 0072 | | 0005 | 0091 | 0062 |
| | | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |
| | | 0002 | 0002 | 0002 | 0002 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 |
| | | 0006 | 0007 | 0008 | 0009 | 0010 | 0011 | 0012 | 0013 | 0014 | 0015 | 0016 | 0017 | 0018 | 0019 | 0020 | 0021 | 0022 | 0023 | 0024 | 0025 | 0026 | 0027 | 0028 | 0029 |

Fibrous Osteodystrophy

Skeletal Muscle Hemorrhage

NERVOUS SYSTEM

- Brain
 - Compression
 - Hemorrhage
 - Necrosis

Peripheral Nerve

Spinal Cord

RESPIRATORY SYSTEM

- Lung
 - Edema
 - Hemorrhage
 - Infiltration Cellular, Histiocyte
 - Inflammation, Suppurative
 - Inflammation, Chronic
 - Pigmentation, Hemosiderin
 - Thrombosis
 - Alveolar Epithelium, Hyperplasia
 - Alveolar Epithelium, Metaplasia, Squamous

Nose
Foreign Body

* .. 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

TDMS No. 88133 - 07
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Trimethylolpropane triacrylate

CAS Number: 15625-89-5

Date Report Requested: 03/31/2010

Time Report Requested: 13:41:41

First Dose M/F: 01/18/05 / 01/18/05

Lab: SRI

| | |
|---|--------------------|
| <div> <div>DAY ON TEST</div> <div>FISCHER 344 RATS MALE</div> <div>0 MG/KG</div> </div> | 0729 | 0439 | 0606 | 0015 | 0729 | 0676 | 0779 | 0722 | 0605 | 0605 | 0601 | 0605 | 0601 | 0601 | 0504 | 0501 | 0606 | 0703 | 0700 | 0507 | 0702 | 0001 | 0009 | 0605 | 0721 | males
(cont...) |
| | 0002 | 0002 | 0002 | 0002 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0003 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0005 | |
| | 0667 | 0667 | 0668 | 0669 | 0670 | 0671 | 0672 | 0673 | 0674 | 0675 | 0676 | 0677 | 0678 | 0679 | 0680 | 0681 | 0682 | 0683 | 0684 | 0685 | 0686 | 0687 | 0688 | 0689 | 0690 | |

| | | | | | | | |
|--|---|---|---|---|---|---|---|
| Fungus | | | X | | | | |
| Inflammation, Chronic | 3 | 1 | 2 | 1 | 2 | 1 | 1 |
| Respiratory Epithelium, Hyperplasia | 3 | | 1 | 1 | 1 | 1 | |
| Respiratory Epithelium, Metaplasia, Squamous | | | | | | | |

[illegible]

SPECIAL SENSES SYSTEM

| Eye | + | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | | + | + |
|-----------------------|---|---|---|--|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|--|---|---|
| Cataract | | | | | | | | | | | | | | 3 | | | 3 | | | | | |
| Inflammation, Chronic | 2 | | | | | | | | | | | | | | | | | | | | | |
| Cornea, Hyperplasia | 2 | | | | | | | | | | | | | | | | | | | | | |
| Retina, Degeneration | | | | | | | | | | | | | | 4 | | | 3 | | | | | |

[illegible]

Zymbal's Gland

URINARY SYSTEM

[illegible]

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

+ .. Tissue examined microscopically

X .. Lesion present

1. 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

Date Report Requested: 03/31/2010
Time Report Requested: 13:41:41
First Dose M/F: 01/18/05 / 01/18/05
Lab: SRI

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Intestine Large, Cecum
Edema | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 3 2.7 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Rectum
Edema | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | 1 3.0 |
| Intestine Small, Duodenum
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 8 2.5 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | | | | | | | | | | | | | | 1 2.0 |
| Basophilic Focus | | | | X | | | | | X | | | X | | | | | 20 |
| Clear Cell Focus | | | | | | X | X | | | | | X | | | | | 11 |
| Degeneration, Cystic | | | | | | | 2 | | | | | 1 | | 2 | | | 4 1.5 |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | 4 |
| Hematopoietic Cell Proliferation | | | 1 | | | | | | | | | | | | 3 | | 3 1.7 |
| Hepatodiaphragmatic Nodule | | | | X | | | X | X | | | | | | | | | 5 |
| Infiltration Cellular, Mixed Cell | | | | 1 | | | | | | | | | 1 | | | | 5 1.4 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | 1 4.0 |
| Mixed Cell Focus | | | | | | X | X | | X | | | | | X | | | 10 |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0 MG/KG | | DAY ON TEST | 0
0
9
1 | 0
7
0
8 | 0
7
0
4 | 0
6
9
3 | 0
7
3
0 | 0
7
2
9 | 0
7
3
0 | 0
6
9
0 | 0
7
3
0 | 0
6
9
1 | 0
7
3
4 | 0
6
6
9 | 0
7
2
9 | 0
6
2
7 | | | |
|---------------------------------------|--|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|-----|
| | | ANIMAL ID | 0
0
0
5
1 | 0
0
0
5
2 | 0
0
0
5
3 | 0
0
0
5
4 | 0
0
0
5
5 | 0
0
0
5
6 | 0
0
0
5
7 | 0
0
0
5
8 | 0
0
0
5
9 | 0
0
0
6
0 | 0
0
0
6
1 | 0
0
0
6
2 | 0
0
0
6
3 | 0
0
0
6
4 | 0
0
0
6
5 | | |
| | | | | | | | | | | | | | | | | | | * TOTALS | |
| Necrosis | | 2 | | | | | | | | | | | | | | | | 2 | 2.0 |
| Necrosis, Focal | | | | | | | | | | | | | | | | | | 2 | 1.5 |
| Thrombosis | | X | | | | | | | | | | | | | | | | 1 | |
| Bile Duct, Hyperplasia | | 3 3 3 1 1 1 1 1 1 2 | | | | | | | | | | | | | | | | 38 | 1.8 |
| Centrilobular, Necrosis | | 3 2 2 2 1 | | | | | | | | | | | | | | | | 9 | 1.8 |
| Hepatocyte, Vacuolization Cytoplasmic | | 3 2 4 4 | | | | | | | | | | | | | | | | 17 | 3.2 |
| Kupffer Cell, Pigmentation | | 3 | | | | | | | | | | | | | | | | 1 | 3.0 |
| Oval Cell, Hyperplasia | | 3 | | | | | | | | | | | | | | | | 2 | 3.0 |
| Mesentery | | + + + + + + + + | | | | | | | | | | | | | | | | 18 | |
| Accessory Spleen | | X | | | | | | | | | | | | | | | | 3 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Fat, Necrosis | | 4 2 4 2 2 3 | | | | | | | | | | | | | | | | 14 | 2.6 |
| Pancreas | | + + + + + + + + + + + + + | | | | | | | | | | | | | | | | 50 | |
| Atrophy | | 3 1 1 1 2 2 2 | | | | | | | | | | | | | | | | 25 | 2.3 |
| Cyst | | 3 3 3 | | | | | | | | | | | | | | | | 8 | 3.0 |
| Acinus, Cytoplasmic Alteration | | 2 | | | | | | | | | | | | | | | | 3 | 2.7 |
| Acinus, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | 3 | 2.7 |
| Salivary Glands | | + + + + + + + + + + + + + | | | | | | | | | | | | | | | | 50 | |
| Atrophy | | 2 2 | | | | | | | | | | | | | | | | 8 | 2.0 |
| Stomach, Forestomach | | + + + + + + + + + + + + + | | | | | | | | | | | | | | | | 50 | |
| Edema | | 3 | | | | | | | | | | | | | | | | 6 | 2.8 |
| Inflammation, Chronic Active | | 4 3 3 | | | | | | | | | | | | | | | | 5 | 3.0 |
| Perforation | | X | | | | | | | | | | | | | | | | 4 | |
| Ulcer | | 4 3 | | | | | | | | | | | | | | | | 9 | 3.9 |
| Epithelium, Hyperplasia | | 3 3 | | | | | | | | | | | | | | | | 15 | 3.3 |
| Stomach, Glandular | | + + + + + + + + + + + + + | | | | | | | | | | | | | | | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE | | DAY ON TEST | | | | | | | | | | | | | | | | ANIMAL ID | |
|-----------------------------------|--|-----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|-----------|--|
| | | 0
0
9
1 | 0
7
0
8 | 0
7
0
4 | 0
6
9
3 | 0
7
3
0 | 0
7
2
9 | 0
7
3
0 | 0
6
9
0 | 0
7
3
0 | 0
0
1 | 0
6
7
4 | 0
7
3
0 | 0
6
6
9 | 0
7
2
9 | 0
6
6
4 | | | |
| 0 MG/KG | | 0
0
0
5
1 | 0
0
0
5
2 | 0
0
0
5
3 | 0
0
0
5
4 | 0
0
0
5
5 | 0
0
0
5
6 | 0
0
0
5
7 | 0
0
0
5
8 | 0
0
0
5
9 | 0
0
0
6
0 | 0
0
0
6
1 | 0
0
0
6
2 | 0
0
0
6
3 | 0
0
0
6
4 | 0
0
0
6
5 | * TOTALS | | |
| Edema | | | | | | | | | | | | | | | | | 3 | 2.7 | |
| Erosion | | | | | | | | | | | | | | | | | 9 | 2.1 | |
| Ulcer | | 3 | | | | | | | | | | | | | | | 4 | 2.8 | |
| Glands, Hyperplasia | | | | | | | | | | | | | | | | | 2 | 1.5 | |
| Tongue | | | | | | | | | | | | | | | | | 1 | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | | | | | | | | | | | | | | | | | 1 | | |
| Heart | | | | | | | | | | | | | | | | | 50 | | |
| Cardiomyopathy | | + + + + + + + + + + + + + + | | | | | | | | | | | | | | | 46 | 2.3 | |
| Inflammation, Suppurative | | 2 3 3 3 2 3 2 3 1 2 2 | | | | | | | | | | | | | | | 1 | 4.0 | |
| Thrombosis | | 4 4 3 3 | | | | | | | | | | | | | | | 10 | 3.4 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | | + + + + + + + + + + + + + + | | | | | | | | | | | | | | | 50 | | |
| Accessory Adrenal Cortical Nodule | | 3 3 3 3 3 3 3 3 3 3 | | | | | | | | | | | | | | | 17 | 3.0 | |
| Atrophy | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Degeneration, Fatty | | 1 2 2 3 2 2 2 | | | | | | | | | | | | | | | 25 | 2.0 | |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | 4 | 1.8 | |
| Hypertrophy, Focal | | 1 2 3 | | | | | | | | | | | | | | | 11 | 2.5 | |
| Adrenal Medulla | | + + + + + + + + + + + + | | | | | | | | | | | | | | | 49 | | |
| Hyperplasia | | 2 2 1 2 1 | | | | | | | | | | | | | | | 22 | 1.6 | |
| Islets, Pancreatic | | + + + + + + + + + + + + + + | | | | | | | | | | | | | | | 50 | | |
| Hyperplasia | | 1 | | | | | | | | | | | | | | | 2 | 1.5 | |

* .. 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

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

TDMS No. 88133 - 07
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Trimethylolpropane triacrylate

CAS Number: 15625-89-5

Date Report Requested: 03/31/2010

Time Report Requested: 13:41:41

First Dose M/F: 01/18/05 / 01/18/05

Lab: SRI

| FISCHER 344 RATS MALE

0 MG/KG | | DAY ON TEST | 001 | 007 | 007 | 006 | 007 | 007 | 007 | 006 | 007 | 006 | 007 | 006 | 007 | 006 | | | | |
|--------------------------------------|--|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|--|--|
| | | 91 | 08 | 07 | 00 | 09 | 02 | 03 | 09 | 03 | 07 | 03 | 06 | 02 | 07 | 04 | | | | |
| | | ANIMAL ID | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | | | | |
| | | | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | * TOTALS | | |
| Parathyroid Gland | | | + | M | + | + | + | + | + | + | + | + | M | + | + | 45 | | | | |
| Pituitary Gland | | | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | | | | |
| Hyperplasia | | | | | | | | | | | | 2 | | | | 1 | 2.0 | | | |
| Pigmentation | | | | 2 | | | | | | | | | | | | 3 | 3.0 | | | |
| Pars Distalis, Angiectasis | | | | | | | | | | 3 | | | | | | 3 | 3.3 | | | |
| Pars Distalis, Atrophy | | | | 2 | | | | | | | | | | | | 3 | 2.7 | | | |
| Pars Distalis, Cyst | | | | | | | | | | 3 | | | | | | 2 | 3.0 | | | |
| Pars Distalis, Hyperplasia | | | | 1 | | | | | | 3 | | | 2 | | | 10 | 2.4 | | | |
| Pars Intermedia, Cyst | | | | | | | | | | | | | | | | 1 | 3.0 | | | |
| Thyroid Gland | | | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | |
| Ultimobranchial Cyst | | | | | | | | | | | | | | | | 2 | 3.0 | | | |
| C-cell, Hyperplasia | | | | | | | | | | 1 | | | | | | 6 | 1.7 | | | |
| Follicle, Cyst | | | | | | | 3 | | | | | | | | | 2 | 3.0 | | | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | |
| Tissue NOS | | | | | | | | | | | | | | | | | | 1 | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | |
| Epididymis | | | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | |
| Inflammation, Chronic | | | 2 | | | | | | | | | | | | | 3 | 2.0 | | | |
| Preputial Gland | | | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | |
| Inflammation, Chronic | | | 2 | | | 3 | | 3 | | | | 2 | | 2 | | 20 | 2.2 | | | |
| Prostate | | | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | | |
| Inflammation, Chronic | | | 2 | 4 | 3 | 2 | 2 | 2 | 2 | 3 | | 2 | 3 | 3 | 2 | 1 | 42 | 2.5 | | |

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

+ .. Tissue examined microscopically

X .. Lesion present

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0 MG/KG | | DAY ON TEST | 0
0
9
1 | 0
7
0
8 | 0
7
0
4 | 0
6
9
3 | 0
7
3
0 | 0
7
2
9 | 0
7
3
0 | 0
6
9
0 | 0
7
3
0 | 0
6
7
4 | 0
7
3
0 | 0
6
2
9 | 0
7
2
9 | 0
6
7
4 | | | | |
|--------------------------------------|--|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|-----|--|
| | | ANIMAL ID | 0
0
0
5
1 | 0
0
0
5
2 | 0
0
0
5
3 | 0
0
0
5
4 | 0
0
0
5
5 | 0
0
0
5
6 | 0
0
0
5
7 | 0
0
0
5
8 | 0
0
0
5
9 | 0
0
0
6
0 | 0
0
0
6
1 | 0
0
0
6
2 | 0
0
0
6
3 | 0
0
0
6
4 | 0
0
0
6
5 | | | |
| | | | | | | | | | | | | | | | | | | * TOTALS | | |
| Epithelium, Hyperplasia | | 1 | | | | 1 | | | | | | | | | | | | 4 | 1.0 | |
| Seminal Vesicle | | + | | | | + | | | | + | | | | + | | | | 50 | | |
| Testes | | + | | | | + | | | | + | | | | + | | | | 50 | | |
| Artery, Inflammation, Chronic | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Germinal Epithelium, Atrophy | | 2 | | | | 4 | | | | 1 | | | | 3 | | | | 23 | 2.4 | |
| Interstitial Cell, Hyperplasia | | 1 | | | | | | | | | | | | 1 | | | | 6 | 1.2 | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | | + | | | | + | | | | + | | | | + | | | | 49 | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | 3 | 2.0 | |
| Myelofibrosis | | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Lymph Node | | + | | | | + | | | | | | | | + | | | | 20 | | |
| Deep Cervical, Ectasia | | | | | | | | | | | | | | | | | | 1 | 4.0 | |
| Deep Cervical, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | 1 | 4.0 | |
| Mediastinal, Ectasia | | | | | | 2 | | | | | | | | | | | | 5 | 2.8 | |
| Mediastinal, Hemorrhage | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | 3 | | | | | | | | | | | | 3 | 3.3 | |
| Mediastinal, Pigmentation | | | | | | | | | | | | | | | | | | 2 | 2.5 | |
| Pancreatic, Ectasia | | | | | | 3 | | | | | | | | | | | | 3 | 3.0 | |
| Pancreatic, Hemorrhage | | | | | | 2 | | | | | | | | | | | | 1 | 2.0 | |
| Pancreatic, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Lymph Node, Mandibular | | + | | | | M | | | | M | | | | M | | | | 4 | | |
| Ectasia | | | | | | | | | | | | | | | | | | 1 | 1.0 | |
| Lymph Node, Mesenteric | | + | | | | + | | | | + | | | | + | | | | 50 | | |
| Ectasia | | 3 | | | | | | | | | | | | | | | | 8 | 2.5 | |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0 MG/KG | | DAY ON TEST | 0
0
9
1 | 0
7
8 | 0
7
4 | 0
6
9
3 | 0
7
3
0 | 0
7
2
9 | 0
7
3
0 | 0
6
9
0 | 0
7
3
0 | 0
6
9
1 | 0
7
3
4 | 0
6
9
0 | 0
7
2
9 | 0
6
7
4 | | | | | | | |
|---|--|-----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|-----|-----|-----|--|--|
| | | ANIMAL ID | 0
0
0
5
1 | 0
0
0
5
2 | 0
0
0
5
3 | 0
0
0
5
4 | 0
0
0
5
5 | 0
0
0
5
6 | 0
0
0
5
7 | 0
0
0
5
8 | 0
0
0
5
9 | 0
0
0
6
0 | 0
0
0
6
1 | 0
0
0
6
2 | 0
0
0
6
3 | 0
0
0
6
4 | 0
0
0
6
5 | | | | | | |
| | | | | | | | | | | | | | | | | | | * TOTALS | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | 1 | 1.0 | | | | |
| Hyperplasia, Atypical | | | | | | | | | | | | | | | | | | 1 | 3.0 | | | | |
| Hyperplasia, Lymphoid | | 3 | | | | | | | | | | | | | | | | 2 | 18 | 2.2 | | | |
| Necrosis | | 3 | | | | | | | | | | | | | | | | | 1 | 3.0 | | | |
| Pigmentation | | | | | | | | | | | | | | | | | | | 1 | 2.0 | | | |
| Spleen | | + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | 50 | | | | | |
| Accessory Spleen | | | | | | | | | | | | | | | | | | | 1 | | | | |
| Fibrosis | | 3 | | | | | | | | | | | | | | | | 4 | 3 | 3.3 | | | |
| Hematopoietic Cell Proliferation | | 2 | | | | | | | | | | | | | | | | | 2 | 10 | 2.2 | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | 1 | 4.0 | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | 4 | 2 | 4.0 | | |
| Pigmentation | | | | | | | | | | | | | | | | | | 3 | 1 | 3.0 | | | |
| Lymphoid Follicle, Atrophy | | 3 | | | | | | | | | | | | | | | | 3 | 2 | 3.0 | | | |
| Thymus | | + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | 45 | | | | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | | + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | 50 | | | | | |
| Hyperplasia | | 3 3 3 2 3 2 2 3 | | | | | | | | | | | | | | | | 4 4 | 1 3 | 37 | 3.1 | | |
| Skin | | + + + + + + + + + + + + + + | | | | | | | | | | | | | | | | 50 | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | 4 3 | 6 | 3.7 | | | |
| Epidermis, Hyperplasia | | | | | | | | | | | | | | | | | | 3 | 4 | 3.0 | | | |
| Epidermis, Site Of Application, Hyperplasia | | | | | | | | | | | | | | | | | | | 1 | 1.0 | | | |
| Site Of Application, Hyperkeratosis | | 1 | | | | | | | | | | | | | | | | | 2 | 1.0 | | | |
| 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| | | | | | | | | | | | | | | | | | |
|-----------------------|-------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| FISCHER 344 RATS MALE | DAY ON TEST | 0091 | 0708 | 0704 | 0693 | 0792 | 0793 | 0690 | 0790 | 0691 | 0794 | 0690 | 0799 | 0699 | 0794 | | |
| | ANIMAL ID | 00051 | 00052 | 00053 | 00054 | 00055 | 00056 | 00057 | 00058 | 00059 | 00060 | 00061 | 00062 | 00063 | 00064 | 00065 | |
| | | * TOTALS | | | | | | | | | | | | | | | |

| | | | |
|----------------------------|---|---|-----|
| Fibrous Osteodystrophy | 1 | 1 | 1.0 |
| Skeletal Muscle Hemorrhage | 2 | 1 | 2.0 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | |
|------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|--|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Compression | 3 | | 4 | | 2 | | | 3 | | 4 | 3 | 4 | | 25 | 3.3 | |
| Hemorrhage | | | | | | | | | | 1 | | | | 4 | 2.5 | |
| Necrosis | | | | | | | | | | | | | | 2 | 2.5 | |
| Peripheral Nerve | | | | | | | | | | | | | | 2 | | |
| Spinal Cord | | | | | | | | | | | | | | 2 | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|----|-----|--|
| Lung | + | + | + | + | + | + | + | + | | + | + | + | + | + | 50 | | |
| Edema | | | | | | | | | | | | | | | 1 | 3.0 | |
| Hemorrhage | | | | | | | | | | | | | 2 | | 3 | 2.0 | |
| Infiltration Cellular, Histiocyte | | | 1 | 1 | | 1 | | 1 | | 1 | | 1 | 3 | 3 | 20 | 1.4 | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | 1 | 3.0 | |
| Inflammation, Chronic | | | | | | 1 | | | | 2 | | | | | 14 | 1.2 | |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | 2 | 1.0 | |
| Thrombosis | | | | | | | | | | 1 | | | | | 1 | 1.0 | |
| Alveolar Epithelium, Hyperplasia | 3 | | | | | | | | | | | 2 | 3 | | 10 | 1.9 | |
| Alveolar Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | 1 | 3.0 | |
| Nose | + | + | + | + | + | + | + | + | | + | + | + | + | + | 50 | | |
| Foreign Body | | | X | X | | | X | X | | X | | X | X | X | | 23 | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0 MG/KG | | DAY ON TEST | 0
0
9
1 | 0
7
0
8 | 0
7
0
4 | 0
6
9
3 | 0
7
2
9 | 0
7
3
0 | 0
6
9
0 | 0
7
3
0 | 0
6
9
0 | 0
7
3
1 | 0
6
7
4 | 0
7
3
0 | 0
7
6
9 | 0
6
2
9 | 0
6
7
4 | | | | |
|--|--|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|----|-----|-----|
| | | ANIMAL ID | 0
0
0
5
1 | 0
0
0
5
2 | 0
0
0
5
3 | 0
0
0
5
4 | 0
0
0
5
5 | 0
0
0
5
6 | 0
0
0
5
7 | 0
0
0
5
8 | 0
0
0
5
9 | 0
0
0
6
0 | 0
0
0
6
1 | 0
0
0
6
2 | 0
0
0
6
3 | 0
0
0
6
4 | 0
0
0
6
5 | | | | |
| | | * TOTALS | | | | | | | | | | | | | | | | | | | |
| Fungus | | | | | | | | | | | X | | | | | | | | | 2 | |
| Inflammation, Chronic | | | | | 1 | 1 | | | | 2 | 3 | | 1 | 2 | 2 | 1 | 2 | | | 20 | 1.5 |
| Respiratory Epithelium, Hyperplasia | | | | | 1 | | | | 1 | | | | 1 | 1 | 1 | 1 | | | 11 | 1.2 | |
| Respiratory Epithelium, Metaplasia, Squamous | | | | | | | | | | 3 | | | 2 | | | | | | 2 | 2.5 | |
| Trachea | | | + | + | + | + | + | + | + | + | | + | + | + | + | + | | | 50 | | |
| Inflammation, Chronic | | | | | | | | | | | | | 3 | | | | | | 1 | 3.0 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| Eye | | | + | + | + | + | + | + | + | + | | + | + | + | + | + | | | 50 | | |
| Cataract | | | | | | | | | | | | | | | | | | | 3 | 3.0 | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Cornea, Hyperplasia | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Retina, Degeneration | | | 2 | | | | | | | | | | | | | | | | 9 | 2.1 | |
| Harderian Gland | | | + | + | + | + | + | + | + | + | | + | + | + | + | + | | | 50 | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Zymbal's Gland | | | | | | | | | | | | | | | | | | | 1 | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| Kidney | | | + | + | + | + | + | + | + | + | | + | + | + | + | + | | | 50 | | |
| Infarct | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Nephropathy | | | 2 | 1 | 3 | 1 | 3 | 3 | 1 | 3 | | 4 | 3 | 2 | 2 | 1 | | | 48 | 2.2 | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Renal Tubule, Dilatation | | | | 2 | | | | | | | | | | | | | | | 1 | 2.0 | |
| Renal Tubule, Necrosis | | | 3 | | | | | | 1 | | | | | | | | | | 5 | 2.0 | |
| Renal Tubule, Pigmentation | | | | | | | | | | | | | | | | 3 | | | 6 | 2.2 | |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 88133 - 07
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Trimethylolpropane triacrylate
CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
Time Report Requested: 13:41:41
First Dose M/F: 01/18/05 / 01/18/05
Lab: SRI

| | | | | | | | | | | | | | | | | | | |
|--------------------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|-----|
| FISCHER 344 RATS MALE

0 MG/KG | DAY ON TEST | 0
0
9
1 | 0
7
0
8 | 0
7
0
4 | 0
6
9
3 | 0
7
3
0 | 0
7
2
9 | 0
7
3
0 | 0
6
9
0 | 0
7
3
0 | 0
6
9
1 | 0
7
3
4 | 0
6
6
0 | 0
7
3
9 | 0
6
2
9 | 0
6
7
4 | | |
| | ANIMAL ID | 0
0
0
5
1 | 0
0
0
5
2 | 0
0
0
5
3 | 0
0
0
5
4 | 0
0
0
5
5 | 0
0
0
5
6 | 0
0
0
5
7 | 0
0
0
5
8 | 0
0
0
5
9 | 0
0
0
6
0 | 0
0
0
6
1 | 0
0
0
6
2 | 0
0
0
6
3 | 0
0
0
6
4 | 0
0
0
6
5 | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | * TOTALS | |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Urinary Bladder | | + | + | + | + | + | + | + | + | | + | + | + | + | + | 50 | | |
| Calculus Gross Observation | | | | | | | | | | | | | | | | | 1 | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | 0.3 MG/KG | | ANIMAL ID | | males
(cont...) | | | | | | | | | |
|-----------------------|--|-------------|-----------|--------|-----------|--------|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | 0015 | 0079 | 0070 | 0052 | 0064 | 0038 | 0036 | 0067 | 0069 | 0005 | 0069 | 0070 | 0073 | 0031 | 0009 | 0001 | 0057 | 0062 | 0036 | 0070 | | | | | | | | | | | | | | |
| | | 0715 | 0729 | 0770 | 0552 | 0664 | 0338 | 0336 | 0667 | 0669 | 0005 | 0669 | 0070 | 0073 | 0031 | 0009 | 0001 | 0057 | 0062 | 0036 | 0070 | 000666 | 000777 | 000888 | 000999 | 000000 | 000111 | 000222 | 000333 | 000444 | 000555 | 000666 | 000777 | 000888 | 000999 |
| | | 000666 | 000777 | 000888 | 000999 | 000000 | 000111 | 000222 | 000333 | 000444 | 000555 | 000666 | 000777 | 000888 | 000999 | 000000 | 000111 | 000222 | 000333 | 000444 | 000555 | 000666 | 000777 | 000888 | 000999 | 000000 | 000111 | 000222 | 000333 | 000444 | 000555 | 000666 | 000777 | 000888 | 000999 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|--|---|---|---|---|---|---|---|--|--|---|---|--|---|---|---|---|---|---|---|
| Esophagus | + | + | M | + | + | | + | + | | + | + | + | + | | | + | + | | + | + | | + | + | | + |
| Intestine Large, Cecum
Edema | + | + | + | + | + | | + | + | | + | + | + | + | | | + | + | | + | + | | + | + | | + |
| Intestine Large, Colon | + | + | + | + | + | | + | + | | + | + | + | + | | | + | + | | + | + | | + | + | | + |
| Intestine Large, Rectum | + | + | + | I | + | | + | + | | + | + | + | + | | | + | + | | + | + | | + | + | | + |
| Intestine Small, Duodenum
Epithelium, Hyperplasia | + | + | + | + | + | | + | + | | + | + | + | + | | | + | + | | A | | + | + | | + | |
| Intestine Small, Ileum | + | + | + | + | A | | + | + | | + | + | + | A | | | + | + | | + | + | | + | + | | + |
| Intestine Small, Jejunum | + | + | A | + | + | | A | + | | + | + | + | A | | | A | + | | A | | + | + | | + | |
| Liver | + | + | + | + | + | | + | + | | + | + | + | + | | | + | + | | + | + | | + | + | | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | X | | | | X | | | | | | | X | X | | | | | | | | | X | | | |
| Clear Cell Focus | | | X | | | | | | | | | | | | | | | | | | | X | | X | |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | X | X | | | | | | | | | | | | |
| Hepatodiaphragmatic Nodule | | | | | | | | | | | | | | | | X | | | | | | | | | |
| Infiltration Cellular, Mixed Cell | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | | X | | | | | | | | | X | X | | | | | | | | | | | X | |
| Necrosis, Focal | | | | | 3 | | | | | | | 1 | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | 1 | | | | | | | | | |
| Bile Duct, Hyperplasia | | | 1 | 1 | | | | | 3 | | | | 2 | | | | 1 | | 1 | | | | 1 | | 1 |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0.3 MG/KG | | DAY ON TEST | | | | | males
(cont...) |
|---|--|-------------------------|--|--|--|--------------------|
| | | 0
1
5 | 0
7
2
9 | 0
7
3
0 | 0
5
5
2 | 0
6
7
4 | 0
3
1
8 | 0
3
6
6 | 0
6
7
0 | 0
6
6
9 | 0
0
1
5 | 0
6
6
9 | 0
7
3
0 | 0
7
3
0 | 0
3
1
7 | 0
0
9
1 | 0
0
1
5 | 0
5
8
7 | 0
6
5
2 | 0
3
6
6 | 0
2
7
9 | 0
3
6
6 | 0
5
1
1 | 0
7
3
0 | 0
3
6
6 | 0
7
3
0 | | | | |
| | | 0
0
0
6
6 | 0
0
0
6
7 | 0
0
0
6
8 | 0
0
0
6
9 | 0
0
0
7
0 | 0
0
0
7
1 | 0
0
0
7
2 | 0
0
0
7
3 | 0
0
0
7
4 | 0
0
0
7
5 | 0
0
0
7
6 | 0
0
0
7
7 | 0
0
0
7
8 | 0
0
0
7
9 | 0
0
0
8
0 | 0
0
0
8
1 | 0
0
0
8
2 | 0
0
0
8
3 | 0
0
0
8
4 | 0
0
0
8
5 | 0
0
0
8
6 | 0
0
0
8
7 | 0
0
0
8
8 | 0
0
0
8
9 | 0
0
0
9
0 | | | | |
| Centrilobular, Necrosis
Hepatocyte, Vacuolization
Kupffer Cell, Pigmentation | | 3 1 4 2 3 | | | | | |
| Mesentery
Accessory Spleen
Fat, Necrosis | | + + + 2 | | | | | |
| Pancreas
Atrophy
Cyst
Necrosis
Acinus, Cytoplasmic Alteration
Acinus, Hyperplasia, Focal | | + + + + + 3 3 1 2 3 3 2 | | | | | |
| Salivary Glands
Atrophy
Necrosis | | + + + + + 2 2 4 | | | | | |
| Stomach, Forestomach
Edema
Inflammation, Chronic Active
Ulcer
Epithelium, Hyperplasia | | + + + + + 4 3 3 3 | | | | | |
| Stomach, Glandular
Erosion
Glands, Hyperplasia | | + + + + + 1 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | males
(cont...) | | |
|-----------------------|--|----------------------------|--------------------|----------------------------|----------------------------|
| | | 0
0
1
5 | 0
7
2
9 | 0
7
3
0 | 0
5
5
2 | 0
6
7
4 | 0
3
1
8 | 0
3
6
6 | 0
6
7
0 | 0
6
6
9 | 0
0
1
5 | 0
6
6
9 | 0
7
3
0 | 0
7
3
0 | 0
3
1
7 | 0
0
9
1 | 0
0
1
5 | 0
5
8
7 | 0
6
5
2 | 0
3
6
6 | 0
2
7
9 | | 0
3
6
6 | 0
5
1
1 |
| 0.3 MG/KG | | ANIMAL ID | | | | | | | | | | | | | | | | | | | | males
(cont...) | | |
| | | 0
0
0
0
6
6 | 0
0
0
0
6
7 | 0
0
0
0
6
8 | 0
0
0
0
6
9 | 0
0
0
0
7
0 | 0
0
0
0
7
1 | 0
0
0
0
7
2 | 0
0
0
0
7
3 | 0
0
0
0
7
4 | 0
0
0
0
7
5 | 0
0
0
0
7
6 | 0
0
0
0
7
7 | 0
0
0
0
7
8 | 0
0
0
0
7
9 | 0
0
0
0
8
0 | 0
0
0
0
8
1 | 0
0
0
0
8
2 | 0
0
0
0
8
3 | 0
0
0
0
8
4 | 0
0
0
0
8
5 | | 0
0
0
0
8
6 | 0
0
0
0
8
7 |

Epithelium, Hyperplasia

2

Tooth

Malformation

CARDIOVASCULAR SYSTEM

Blood Vessel

Hypertrophy

Inflammation, Chronic

Thrombosis

+ +
3 4
3
4

Heart

Cardiomyopathy

Inflammation, Suppurative

Inflammation, Chronic

Thrombosis

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

ENDOCRINE SYSTEM

Adrenal Cortex

Accessory Adrenal Cortical Nodule

Degeneration, Fatty

Hemorrhage

Hyperplasia, Focal

Hyperplasia, Diffuse

Hypertrophy, Focal

+ + + + + + + + + + + + + + + + + +
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

Adrenal Medulla

Hyperplasia

+ + + + + + + + + + + + + + + + + +
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0.3 MG/KG | DAY ON TEST | 0015 | 00729 | 00730 | 00552 | 00674 | 00318 | 00336 | 00667 | 00669 | 00015 | 00069 | 00733 | 00730 | 00317 | 00019 | 00015 | 00587 | 00652 | 00366 | 00279 | 00366 | 00511 | 00730 | 00366 | 00366 | 00730 | males
(cont...) |
|--|-------------|--------------------|
| | ANIMAL ID | 00066 | 00067 | 00068 | 00069 | 00070 | 00071 | 00072 | 00073 | 00074 | 00075 | 00076 | 00077 | 00078 | 00079 | 00080 | 00081 | 00082 | 00083 | 00084 | 00085 | 00086 | 00087 | 00088 | 00089 | 00090 | | |
| | | |
| Islets, Pancreatic
Hyperplasia | | + | + | + | + | + | | + | + | | + | + | + | + | | | + | + | | + | | + | + | | + | | | |
| Parathyroid Gland
Hyperplasia | | + | + | + | + | + | | + | + | | + | + | + | + | | | + | + | | + | | + | + | | + | | | |
| Pituitary Gland | | + | + | + | + | + | | + | + | | + | + | + | + | | | + | + | | + | | + | + | | + | | | |
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | |
| Pars Distalis, Cyst | | |
| Pars Distalis, Hyperplasia | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | | | | |
| Pars Distalis, Hypertrophy, Focal | | |
| Pars Intermedia, Angiectasis | | |
| Pars Intermedia, Cyst | | | | | | | | 3 | | | 3 | | | | | | | | | | | | | | | | | |
| Thyroid Gland | | + | + | + | + | + | | + | + | | + | + | + | + | | | + | + | | + | | + | + | | + | | | |
| Ultimobranchial Cyst | | |
| C-cell, Hyperplasia | | | | | | | | 1 | |
| Follicle, Cyst | | 3 | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis
 Inflammation, Chronic

Preputial Gland
 Inflammation, Chronic

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|--|---|---|---|---|---|--|---|---|--|---|---|---|---|--|--|---|---|--|---|---|---|---|---|---|
| Prostate | | + | + | + | + | + | | + | + | | + | + | + | + | | | + | + | | + | + | | + | + | |
| Inflammation, Chronic | | | | | 2 | | | 2 | 2 | | 3 | 1 | 2 | | | | | 2 | | 1 | | | 1 | | 3 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Seminal Vesicle | | + | + | + | + | + | | + | + | | + | + | + | + | | | + | + | | + | + | | + | + | |
| Testes | | + | + | + | + | + | | + | + | | + | + | + | + | | | + | + | | + | + | | + | + | |
| Artery, Inflammation, Chronic | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Germinal Epithelium, Atrophy | | | | 4 | | | | | 4 | | 3 | 2 | 1 | | | | | | | | | 3 | 2 | | |
| Interstitial Cell, Hyperplasia | | | | 2 | | | | | | | | | | | | | | 1 | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--|---|---|---|---|---|--|---|---|--|---|---|---|---|--|--|---|---|--|---|---|--|---|---|--|
| Bone Marrow | | + | + | + | + | + | | + | + | | + | + | + | + | | | + | + | | + | + | | + | + | |
| Hyperplasia | | | | | 3 | | | | | | 2 | 2 | | | | | | | | | 2 | | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | 4 | | | | | | | | | | | | | | | | |
| Lymph Node | | | | | + | | | + | | | | + | | | | | + | | | | | | | | |
| Mediastinal, Ectasia | | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Hemorrhage | | | | | | | | | | | | | | | | | | 3 | | | | | | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | 3 | | | | | | | |
| Mediastinal, Hyperplasia, Plasma Cell | | | | | 3 | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreatic, Ectasia | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | | M | M | M | M | M | | M | M | | M | M | M | M | | | M | M | | M | M | | M | M | |
| Lymph Node, Mesenteric | | + | + | + | + | + | | + | + | | + | + | + | + | | | + | + | | + | + | | + | + | |
| Ectasia | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0.3 MG/KG | | DAY ON TEST | | | males
(cont...) |
|---|--|-------------|--|--------------------|
| | | 0015 | 0079 | 0070 | 0052 | 0064 | 0038 | 0033 | 0066 | 0066 | 0000 | 0066 | 0077 | 0077 | 0033 | 0000 | 0000 | 0055 | 0066 | 0033 | 0022 | 0033 | 0055 | 0077 | 0033 | 0066 | 0077 | | | |
| | | 000666 | 000667 | 000008 | 000009 | 000000 | 000001 | 000002 | 000003 | 000004 | 000005 | 000006 | 000007 | 000008 | 000009 | 000010 | 000011 | 000012 | 000013 | 000014 | 000015 | 000016 | 000017 | 000018 | 000019 | 000020 | 000021 | 000022 | | |
| Hemorrhage
Hyperplasia, Lymphoid
Pigmentation | | 2 | 2 | | 3 | 2 | | | 2 | | 3 | | 2 | | | | | | 3 | | 2 | | | | | | | | | |
| Spleen | | + | + | + | + | + | | + | + | | + | + | + | + | | | | + | + | | + | | + | + | | + | | | | |
| Hematopoietic Cell Proliferation | | | | | | 3 | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| Infiltration Cellular, Mixed Cell
Necrosis | | | | | | | | | 4 | | | | | | | | | | | | | | | | | 4 | | | | |
| Pigmentation | | | | |
| Lymphoid Follicle, Atrophy | | | | |
| Lymphoid Follicle, Hyperplasia | | | | |
| Thymus | | + | + | + | + | + | | + | + | | + | + | + | + | | | | + | M | | + | | + | + | | + | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| INTEGUMENTARY SYSTEM | | | | |
| Mammary Gland | | + | + | + | M | + | | + | + | | + | + | + | + | | | + | + | | + | | + | + | | + | | | | | |
| Hyperplasia | | 3 | 3 | | | | | 2 | | | 4 | 3 | 3 | | | | 3 | 4 | | | | | 3 | | | 4 | | | | |
| Skin | | + | + | + | + | + | | + | + | | + | + | + | + | | | + | + | | + | | + | + | | + | | | | | |
| Edema | | | | |
| Hemorrhage | | | | |
| Hyperkeratosis | | | | |
| Inflammation, Chronic | | | | |
| Ulcer | | | | | | 4 | | | | | | | 4 | | | | | | | | | | | | | | | | | |
| Control, Edema | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| Epidermis, Hyperplasia | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | | | |
| Site Of Application, Hyperkeratosis | | | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE | DAY ON TEST | |
|-----------------------|-------------|
| | 0 | 0 |
| 0.3 MG/KG | 0 | 7 | 7 | 5 | 6 | 3 | 3 | 6 | 6 | 0 | 6 | 7 | 7 | 3 | 0 | 0 | 5 | 6 | 3 | 2 | 3 | 5 | 7 | 3 | 7 | 3 | 7 | 3 |
| | 1 | 2 | 3 | 5 | 7 | 1 | 6 | 7 | 6 | 1 | 6 | 3 | 3 | 1 | 9 | 1 | 8 | 5 | 6 | 7 | 6 | 1 | 3 | 6 | 3 | 0 | 6 | 0 |
| ANIMAL ID | 5 | 9 | 0 | 2 | 4 | 8 | 6 | 0 | 9 | 5 | 9 | 0 | 0 | 7 | 1 | 5 | 7 | 2 | 6 | 9 | 6 | 6 | 0 | 6 | 6 | 0 | 6 | 0 |
| | 0 | 0 |
| | 0 | 0 |
| | 0 | 0 |
| | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 0 | 0 | 0 |
| | |
| males (cont...) | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|--|---|---|--|---|---|---|---|--|---|---|--|---|---|--|---|---|--|---|--|--|--|--|
| Bone | + | + | + | + | + | | + | + | | + | + | + | + | | + | + | | + | + | | + | + | | + | | | | |
| Fibrous Osteodystrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|--|---|---|--|---|---|---|---|--|---|---|--|---|---|--|---|---|--|---|--|--|--|--|
| Brain | + | + | + | + | + | | + | + | | + | + | + | + | | + | + | | + | + | | + | + | | + | | | | |
| Compression | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Meninges, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Peripheral Nerve

Spinal Cord

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|--|---|---|--|---|---|---|---|--|---|---|--|---|---|--|---|---|--|---|--|--|--|--|
| Lung | + | + | + | + | + | | + | + | | + | + | + | + | | + | + | | + | + | | + | + | | + | | | | |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pleura, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0.3 MG/KG | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | | | | males
(cont...) | |
|--|--|-------------|-----------|------|------|------|--------------------|------|
| | | 0015 | 0079 | 0070 | 0052 | 0064 | 0038 | 0036 | 0060 | 0066 | 0005 | 0069 | 0073 | 0077 | 0031 | 0009 | 0001 | 0057 | 0065 | 0036 | 0027 | | | | | | 0036 |
| | | 0006 | 0007 | 0008 | 0009 | 0010 | 0011 | 0012 | 0013 | 0014 | 0015 | 0016 | 0017 | 0018 | 0019 | 0020 | 0021 | 0022 | 0023 | 0024 | 0025 | 0026 | 0027 | 0028 | 0029 | | 0030 |
| | | 66 | 77 | 88 | 99 | 00 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 00 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | | 00 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|---|---|---|---|--|---|---|--|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|--|
| Nose | | + | + | + | + | + | | + | + | | + | + | + | | | + | + | | + | | + | + | | + | | |
| Foreign Body | | | X | | | X | | X | | | X | | | X | | | X | | | | X | | X | | | |
| Fungus | | | | | | | | | | | | | X | | | | X | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | 1 | | 1 | | | 1 | | | 2 | | | 4 | | | | | 1 | | | 1 | |
| Respiratory Epithelium, Hyperplasia | | | | | | | | 1 | | | 1 | | | | | | | | | | | | | | | |
| Respiratory Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | | | 4 | | | | | | | | | |
| Trachea | | + | + | + | + | + | | + | + | | + | + | + | + | | | + | + | | + | | + | + | | + | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|--|---|---|---|---|---|--|---|---|--|---|---|---|---|--|--|---|---|--|---|--|---|---|--|---|--|
| Eye | | + | + | + | + | + | | + | + | | + | + | + | + | | | + | + | | + | | + | + | | + | |
| Cataract | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Retina, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | | + | + | + | + | + | | + | + | | + | + | + | + | | | + | + | | + | | + | + | | + | |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Zymbal's Gland | | | | | | | | | | | | | | | | | | | | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|---|---|---|---|--|---|---|--|---|---|---|---|--|--|---|---|--|---|--|---|---|--|---|---|
| Kidney | | + | + | + | + | + | | + | + | | + | + | + | + | | | + | + | | + | | + | + | | + | |
| Nephropathy | | 1 | 2 | | 2 | | | 3 | 1 | | 2 | 4 | 2 | | | | 3 | 2 | | | | 1 | 3 | | 3 | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Dilatation | | | | | | | | | | | | | | | | | 3 | | | | | | | | | 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

Date Report Requested: 03/31/2010
Time Report Requested: 13:41:41
First Dose M/F: 01/18/05 / 01/18/05
Lab: SRI

TDMS No. 88133 - 07
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Trimethylolpropane triacrylate

CAS Number: 15625-89-5

Date Report Requested: 03/31/2010

Time Report Requested: 13:41:41

First Dose M/F: 01/18/05 / 01/18/05

Lab: SRI[illegible]

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|--|---|---|---|---|--|---|---|---|--|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | + | + | + |
| Intestine Large, Cecum Edema | + | + | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | + | + | + |
| Intestine Large, Colon | + | M | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | + | + | + |
| Intestine Small, Duodenum Epithelium, Hyperplasia | + | + | + | | + | + | + | + | | + | + | + | | + | + | + | | | | + | + | + |
| Intestine Small, Ileum | + | + | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | + | + | + |
| Intestine Small, Jejunum | A | + | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | + | + | + |
| Liver | + | + | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | | | | | | X | X | | | | X | X | | X | | X | | X | X | | | X |
| Clear Cell Focus | | | X | | | | X | | | | X | | | | | X | | X | | | | |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | |
| Hepatodiaphragmatic Nodule | | | | | | | X | | | | | X | | | | | | | | | X | |
| Infiltration Cellular, Mixed Cell | | | 1 | | | | | | | 2 | | | | | | | | | | | 2 | |
| Mixed Cell Focus | | | | | | | | | | | | X | | | | | | | | X | | |
| Necrosis, Focal | | | | | | | | | | | | | | 3 | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | |
| Bile Duct, Hyperplasia | 1 | 3 | 1 | | 1 | | 2 | | | 1 | 1 | 3 | | 1 | | | 1 | 1 | | 1 | | |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0.3 MG/KG | | DAY ON TEST | | | | | males
(cont...) |
|--|--|-----------------------|--|--|--|--------------------|
| | | 0
5
2
9 | 0
6
7
4 | 0
7
2
9 | 0
0
1
5 | 0
3
6
5 | 0
7
3
0 | 0
6
6
3 | 0
5
7
7 | 0
0
9
1 | 0
6
5
5 | 0
4
7
2 | 0
5
4
3 | 0
0
9
1 | 0
7
2
9 | 0
7
3
0 | 0
3
6
6 | 0
7
2
9 | 0
5
9
1 | 0
7
2
9 | 0
0
1
5 | 0
7
3
0 | 0
7
2
9 | 0
6
6
9 | 0
7
0
4 | 0
4
0
3 | | | | |
| | | 0
0
0
9
1 | 0
0
0
9
2 | 0
0
0
9
3 | 0
0
0
9
4 | 0
0
0
9
5 | 0
0
0
9
6 | 0
0
0
9
7 | 0
0
0
9
8 | 0
0
0
9
9 | 0
0
0
9
0 | 0
0
1
0
1 | 0
0
1
0
2 | 0
0
1
0
3 | 0
0
1
0
4 | 0
0
1
0
5 | 0
0
1
0
6 | 0
0
1
0
7 | 0
0
1
0
8 | 0
0
1
0
9 | 0
0
1
1
0 | 0
0
1
1
1 | 0
0
1
1
2 | 0
0
1
1
3 | 0
0
1
1
4 | 0
0
1
1
5 | | | | |
| | | 3 | 2 | | | | | | | 1 | | 1 | | | | | 2 | | | | 3 | | | | | | | | | |
| Centrilobular, Necrosis
Hepatocyte, Vacuolization
Kupffer Cell, Pigmentation | | | | | | | | | | | 3 | | | | | | 3 | | | 2 | | | 4 | | | | | | | |
| | | | | | | |
| Mesentery | | + | + | | | | | | | + | | | | + | | | | | | | | | | | | + | | | | |
| Accessory Spleen | | | | | | | | | | | | | | X | | | | | | | | | | | | + | | | | |
| Fat, Necrosis | | | 3 | | | | | | | 3 | | | | 3 | | | | | | | | | | | 3 | | | | | |
| | | | | | | |
| Pancreas | | + | + | + | | + | + | + | + | + | + | + | + | + | + | | + | + | + | | + | + | + | + | + | + | | | | |
| Atrophy | | | 1 | 3 | | | 3 | | 3 | | | 2 | 1 | 3 | | | 3 | 2 | | | | 3 | | 2 | | | | | | |
| Cyst | | | | 3 | | | | | | 3 | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | |
| Acinus, Cytoplasmic Alteration | | | | | | | | 3 | | | | 3 | | | | | | | | | | | | | | | | | | |
| Acinus, Hyperplasia, Focal | | | | | | |
| | | | | | | |
| Salivary Glands | | + | + | + | | + | + | + | + | + | + | + | + | + | + | | + | + | + | | + | + | + | + | + | + | | | | |
| Atrophy | | | 2 | | | | | | | 2 | | | | | | | 2 | | | | | 2 | | 3 | | | | | | |
| Necrosis | | | | | | |
| | | | | | | |
| Stomach, Forestomach | | + | + | + | | + | + | + | + | + | + | + | + | + | + | | + | + | + | | + | + | + | + | + | + | | | | |
| Edema | | | | | | | | | | 4 | 3 | | | | | | 3 | 4 | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | 4 | 3 | | | | | | | | | | | | | | 2 | | | | | |
| Ulcer | | | | | | | | | | 3 | | | | | | | | 4 | | | | | | 4 | 1 | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | 4 | 2 | | | | | | 3 | 3 | | | | | | | 3 | | | | | |
| | | | | | | |
| Stomach, Glandular | | + | + | + | | + | + | + | + | + | + | + | + | + | + | | + | + | + | | + | + | + | + | + | + | | | | |
| Erosion | | 2 | 3 | | | | | | | 3 | | 2 | | | | | 3 | 1 | | | | | | 1 | | | | | | |
| Glands, Hyperplasia | | | | | | | | | | 1 | | | | | | | | | | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0.3 MG/KG | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | | | | |
|--|--|-------------|-----------|--------------------|-------|-------|-------|-------|
| | | 0529 | 0674 | 0729 | 0015 | 0375 | 0670 | 0563 | 0071 | 0657 | 0091 | 0642 | 0594 | 0079 | 0732 | 0366 | 0729 | 0591 | 0792 | 0015 | 0730 | | | 0723 | 0669 | 0764 | 0740 |
| | | 00091 | 00092 | 00093 | 00094 | 00095 | 00096 | 00097 | 00098 | 00099 | 00090 | 00091 | 00092 | 00093 | 00094 | 00095 | 00096 | 00097 | 00098 | 00099 | 00090 | 00091 | | 00092 | 00093 | 00094 | 00095 |
| | | 00091 | 00092 | 00093 | 00094 | 00095 | 00096 | 00097 | 00098 | 00099 | 00090 | 00091 | 00092 | 00093 | 00094 | 00095 | 00096 | 00097 | 00098 | 00099 | 00090 | 00091 | | 00092 | 00093 | 00094 | 00095 |
| | | 00091 | 00092 | 00093 | 00094 | 00095 | 00096 | 00097 | 00098 | 00099 | 00090 | 00091 | 00092 | 00093 | 00094 | 00095 | 00096 | 00097 | 00098 | 00099 | 00090 | 00091 | | 00092 | 00093 | 00094 | 00095 |

Epithelium, Hyperplasia

Tooth
 Malformation

CARDIOVASCULAR SYSTEM

Blood Vessel
 Hypertrophy
 Inflammation, Chronic
 Thrombosis

Heart
 Cardiomyopathy
 Inflammation, Suppurative
 Inflammation, Chronic
 Thrombosis

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|--|---|---|---|---|--|---|---|---|--|---|---|--|---|---|---|--|---|---|---|---|---|--|
| + | + | + | | + | + | + | + | | + | + | + | | + | + | | + | + | + | | + | + | + | + | + | |
| 1 | 1 | 3 | | 1 | 3 | 3 | 2 | | 2 | 2 | 2 | | 3 | 2 | | 1 | 2 | 3 | | 3 | 3 | 3 | 2 | | |
| | | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| | | | | | | | | | | | 2 | | | | | | 3 | | | | | 4 | | | |

ENDOCRINE SYSTEM

Adrenal Cortex
 Accessory Adrenal Cortical Nodule
 Degeneration, Fatty
 Hemorrhage
 Hyperplasia, Focal
 Hyperplasia, Diffuse
 Hypertrophy, Focal

Adrenal Medulla
 Hyperplasia

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0.3 MG/KG | DAY ON TEST | 0529 | 0674 | 0729 | 0015 | 0375 | 0763 | 0657 | 0501 | 0065 | 0452 | 0503 | 0791 | 0655 | 0473 | 0092 | 0736 | 0329 | 0791 | 0529 | 0729 | 0015 | 0375 | 0763 | 0657 | 0501 | 0065 | 0452 | males
(cont...) | |
|--|-------------|--------------------|-------|
| | ANIMAL ID | 00091 | 00092 | 00093 | 00094 | 00095 | 00096 | 00097 | 00098 | 00099 | 00001 | 00002 | 00003 | 00004 | 00005 | 00006 | 00007 | 00008 | 00009 | 00010 | 00011 | 00012 | 00013 | 00014 | 00015 | 00016 | 00017 | 00018 | | 00019 |
| | | | |
| Islets, Pancreatic Hyperplasia | | + | + | + | | + | + | + | + | | + | + | + | | + | + | 2 | | + | + | + | | + | + | + | + | + | + | | |
| Parathyroid Gland Hyperplasia | | + | + | + | | M | + | + | + | | + | + | + | | + | + | | + | M | + | | + | + | + | | + | 2 | + | | |
| Pituitary Gland | | + | + | + | | + | + | + | + | | + | + | + | | + | + | | + | + | + | | + | + | + | | + | + | + | | |
| Pars Distalis, Angiectasis | | | | | | 1 | | |
| Pars Distalis, Cyst | | | | | | | 3 | | | | | | | | | | | | | | | | | | | 3 | | | | |
| Pars Distalis, Hyperplasia | | 1 | | |
| Pars Distalis, Hypertrophy, Focal | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| Pars Intermedia, Angiectasis | | | |
| Pars Intermedia, Cyst | | | |
| Thyroid Gland | | + | + | + | | + | + | + | + | | + | + | + | | + | + | | + | + | + | | + | + | + | | + | + | + | | |
| Ultimobranchial Cyst | | | |
| C-cell, Hyperplasia | | | | | | 1 | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| Follicle, Cyst | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis
 Inflammation, Chronic

Preputial Gland
 Inflammation, Chronic

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

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0.3 MG/KG | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|--|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| | | 0
5
2
9 | 0
6
7
4 | 0
7
2
9 | 0
0
1
5 | 0
3
6
5 | 0
7
3
0 | 0
6
6
3 | 0
5
7
7 | 0
0
9
1 | 0
6
5
5 | 0
4
7
2 | 0
5
4
3 | 0
0
9
1 | 0
7
2
9 | 0
3
6
6 | 0
7
2
9 | 0
5
9
1 | 0
7
2
9 | 0
0
1
5 | 0
7
3
0 | 0
7
2
9 | 0
6
6
9 | 0
7
0
4 | 0
4
3 | | |
| | | 0
0
0
9
1 | 0
0
0
9
2 | 0
0
0
9
3 | 0
0
0
9
4 | 0
0
0
9
5 | 0
0
0
9
6 | 0
0
0
9
7 | 0
0
0
9
8 | 0
0
0
9
9 | 0
0
1
0 | 0
0
1
0 | 0
0
1
0 | 0
0
1
0 | 0
0
1
0 | 0
0
1
0 | 0
0
1
0 | 0
0
1
0 | 0
0
1
0 | 0
0
1
1 | 0
0
1
1 | 0
0
1
1 | 0
0
1
1 | 0
0
1
1 | 0
0
1
1 | 0
0
1
5 | |
| Prostate
Inflammation, Chronic
Epithelium, Hyperplasia | | + | + | + | | + | + | + | + | | + | + | + | | + | + | | + | + | + | | + | + | + | + | + | |
| Seminal Vesicle | | + | + | + | | + | + | + | + | | + | + | + | | + | + | | + | + | + | | + | + | + | + | + | |
| Testes
Artery, Inflammation, Chronic
Germinal Epithelium, Atrophy
Interstitial Cell, Hyperplasia | | + | + | + | | + | + | + | + | | + | + | + | | + | + | | + | + | + | | + | + | + | + | + | |
| | | | | 2 | | | | 1 | | | | | | | | | | | | | | | | | | | |
| | | | | 4 | | | | 4 | | 2 | | | | 2 | 1 | | | 1 | 2 | | 1 | | | | 3 | | |
| | | | | | | | | | | | | 1 | | | | | | | | 1 | | | | | | | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow
Hyperplasia
Infiltration Cellular, Histiocyte
Necrosis | | + | + | + | | + | + | + | + | | + | + | + | | + | + | | + | + | + | | + | + | + | + | + | |
| | | 3 | | | | 3 | | | | | | | | | | | | | | | | | | 4 | | 3 | |
| Lymph Node
Mediastinal, Ectasia
Mediastinal, Hemorrhage
Mediastinal, Hyperplasia, Lymphoid
Mediastinal, Hyperplasia, Plasma Cell
Mediastinal, Pigmentation
Pancreatic, Ectasia | | | + | | | + | + | + | | + | + | + | | + | | | + | | | | | | | | + | | |
| | | | | | | 4 | | | | | 2 | 2 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 2 | | | | | | | | | | | | | | 1 | | |
| | | | | | | | | 3 | | | | | | | | | | | | | | | | 2 | | | |
| | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 2 | | | | | | 3 | | | | 2 | | | | | | | | | |
| Lymph Node, Mandibular | | M | M | M | | M | M | M | M | | M | M | M | | M | M | | M | M | M | | M | M | M | M | M | |
| Lymph Node, Mesenteric
Ectasia | | + | + | + | | + | + | + | + | | + | + | + | | + | + | | + | + | + | | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|--|---|---|---|---|--|---|---|---|---|---|---|--|---|---|---|--|---|---|---|---|---|--|
| Bone Marrow | + | + | + | | + | + | + | + | | + | + | + | | + | + | | + | + | + | | + | + | + | + | + | |
| Hyperplasia | 3 | | | | 3 | | | | | | | | | | | | | | | | | | 4 | | 3 | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | + | | | + | + | + | | | + | + | + | | + | | | + | | | | | | | | + | |
| Mediastinal, Ectasia | | | | | 4 | | | | | | 2 | 2 | | | | | | | | | | | | | | |
| Mediastinal, Hemorrhage | | | | | | | | | | | 2 | | | | | | | | | | | | | | 1 | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Mediastinal, Hyperplasia, Plasma Cell | | | | | | | 3 | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreatic, Ectasia | | | | | | 2 | | | | | | | 3 | | | | 2 | | | | | | | | | |
| Lymph Node, Mandibular | M | M | M | | M | M | M | M | | M | M | M | | M | M | | M | M | M | | M | M | M | M | M | |
| Lymph Node, Mesenteric | + | + | + | | + | + | + | + | | + | + | + | | + | + | | + | + | + | | + | + | + | + | + | |
| Ectasia | | | | | | | | | | | | | | | | | | | | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0.3 MG/KG | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|---|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--|--|--|--------------------|
| | | 0
5
2
9 | 0
6
7
4 | 0
7
2
9 | 0
0
1
5 | 0
3
6
5 | 0
7
3
0 | 0
6
6
3 | 0
5
7
1 | 0
0
9
5 | 0
6
7
2 | 0
5
4
3 | 0
0
9
1 | 0
7
2
9 | 0
7
3
0 | 0
3
6
6 | 0
7
2
9 | 0
5
9
1 | 0
7
2
9 | 0
0
1
5 | 0
7
3
0 | 0
7
2
9 | 0
6
6
9 | 0
7
0
4 | 0
4
3 | | | | | |
| | | 0
0
0
9
1 | 0
0
0
9
2 | 0
0
0
9
3 | 0
0
0
9
4 | 0
0
0
9
5 | 0
0
0
9
6 | 0
0
0
9
7 | 0
0
0
9
8 | 0
0
0
9
9 | 0
0
1
0 | 0
0
1
0 | 0
0
1
0 | 0
0
1
0 | 0
0
1
0 | 0
0
1
0 | 0
0
1
0 | 0
0
1
0 | 0
0
1
0 | 0
0
1
0 | 0
0
1
1 | 0
0
1
1 | 0
0
1
1 | 0
0
1
1 | 0
0
1
1 | 0
0
1
1 | | | | |
| Hemorrhage
Hyperplasia, Lymphoid
Pigmentation | | 2 | | | | 1 | | | 3 | 2 | 2 | | | 2 | | | | | 2 | | | | | 1 | | 2 | | | | |
| | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spleen | | + | + | + | | + | + | + | + | | + | + | + | | + | + | | + | + | + | | + | + | + | + | + | | | | |
| Hematopoietic Cell Proliferation | | 3 | | | | 2 | | | | | 3 | | | | | | | 2 | | | | | 3 | | | | | | | |
| Infiltration Cellular, Mixed Cell
Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | |
| Lymphoid Follicle, Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | | |
| Lymphoid Follicle, Hyperplasia | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Thymus
Atrophy | | + | M | + | | + | + | I | + | | + | M | + | | + | + | | + | + | + | | + | + | + | M | + | | | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | | + | + | + | | + | + | + | + | | + | + | + | | + | + | | + | + | + | | + | + | + | + | + | | | | |
| Hyperplasia | | | 4 | 4 | | | 4 | | 4 | | 4 | 4 | | 3 | 4 | | | 4 | 2 | | 4 | 4 | 4 | | | | | | | |
| Skin | | + | + | + | | + | + | + | + | | + | + | + | | + | + | | + | + | + | | + | + | + | + | + | | | | |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | 4 | | 4 | | | | | | | | | | | | | | | | | | | | |
| Control, Edema | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epidermis, Hyperplasia | | | | | | 4 | | | 3 | | | | | | | | | | | | | | | | | | | | | |
| Site Of Application, Hyperkeratosis | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | |

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | 0443 | males
(cont...) | |
|-----------------------|--|-------------|-------|--------------------|
| | | 0529 | 0674 | 0729 | 0015 | 0375 | 0763 | 0657 | 0501 | 0065 | 0459 | 0507 | 0043 | 0791 | 0736 | 0329 | 0751 | 0799 | 0321 | 0075 | 0730 | | | 0729 | 0669 | 0704 | 043 | | | | | | | | | | | | | | | | | | | |
| 0.3 MG/KG | | ANIMAL ID | | | | | | | | | | | | | | | | | | | | 00091 | 00092 | 00093 | 00094 | 00095 | 00096 | 00097 | 00098 | 00099 | 00090 | 00091 | 00092 | 00093 | 00094 | 00095 | 00096 | 00097 | 00098 | 00099 | 00090 | 00091 | 00092 | 00093 | 00094 | 00095 |
| | | | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|--|---|---|---|---|--|---|---|---|--|---|---|---|--|---|---|---|--|---|---|--|
| Bone | + | + | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | + | | + | + | |
| Fibrous Osteodystrophy | | | | | | | | | | | | | | | | | | | | | | | 1 | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|--|---|---|---|---|--|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|
| Brain | + | + | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | + | + | + | | |
| Compression | | 2 | 2 | | | 3 | 4 | 4 | | 3 | 4 | | | 2 | 4 | | 3 | 2 | 3 | | 4 | 4 | 4 | 2 |
| Hemorrhage | | | | | | 3 | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | 3 | | | | | | | | | | | | | | | | | | |
| Meninges, Fibrosis | | | | | | | | | | | | | | 3 | | | | | | | | | | |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | + | |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | + | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|
| Lung | + | + | + | | + | + | + | + | | + | + | + | | + | + | + | | + | + | + | + | + | | |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | 1 | | | 1 | | 1 | | | | 1 | | | 3 | | | 1 | | | | 1 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| Inflammation, Chronic | | | | 1 | 2 | | | | | | | | 1 | | | | | | 1 | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| Pigmentation, Hemosiderin | | | | 1 | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | 2 | | | | | | | | | | | | 4 | 3 | | | | | | |
| Pleura, Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

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

| FISCHER 344 RATS MALE

0.3 MG/KG | | DAY ON TEST | | | males
(cont...) |
|---|--|-------------|--|--------------------|
| | | 0529 | 0674 | 0729 | 0015 | 0375 | 0673 | 0567 | 0051 | 0065 | 0042 | 0059 | 0074 | 0003 | 0072 | 0036 | 0072 | 0059 | 0072 | 0003 | 0072 | 0069 | 0074 | 0003 | 0072 | 0069 | 0043 | | | |
| | | ANIMAL ID | | | |
| | | 00091 | 00092 | 00093 | 00094 | 00095 | 00096 | 00097 | 00098 | 00099 | 00000 | 00001 | 00002 | 00003 | 00004 | 00005 | 00006 | 00007 | 00008 | 00009 | 00010 | 00011 | 00012 | 00013 | 00014 | 00015 | 00016 | 00017 | | |
| Nose | | + | + | + | | + | + | + | + | | + | + | + | | + | + | | + | + | + | | + | + | + | + | + | + | | | |
| Foreign Body | | | | X | | | X | X | X | X | | | | | X | X | | | X | X | | X | | | X | X | | | | |
| Fungus | | | | |
| Hemorrhage | | | | |
| Inflammation, Chronic | | | | | | | | 3 | 2 | 2 | | | | | 3 | | | 1 | 3 | | 1 | | | | | 1 | | | | |
| Respiratory Epithelium, Hyperplasia | | | | | | | | 2 | 1 | 2 | | | | | 2 | | | | 2 | | 1 | | | | | 2 | | | | |
| Respiratory Epithelium, Metaplasia, Squamous | | | | | | | | 2 | | | | | | | 3 | | | | | | | | | | | | | | | |
| Trachea | | + | + | + | | + | + | + | + | | + | + | + | | + | + | | + | + | + | | + | + | + | + | + | + | | | |
| SPECIAL SENSES SYSTEM | | | | |
| Eye | | + | + | + | | + | + | + | + | | + | + | + | | + | + | | + | + | + | | + | + | | + | + | + | | | |
| Cataract | | | 3 | | | | | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | |
| Retina, Degeneration | | | 4 | | | | | |
| Harderian Gland | | + | + | + | | + | + | + | + | | + | + | + | | + | + | | + | + | + | | + | + | + | + | + | + | | | |
| Hyperplasia, Focal | | | 2 | | | | | | |
| Inflammation, Chronic | | | 4 | | | | | | |
| Zymbal's Gland | | | | | | + | | + | | | |
| URINARY SYSTEM | | | | |
| Kidney | | + | + | + | | + | + | + | + | | + | + | + | | + | + | | + | + | + | | + | + | + | + | + | + | | | |
| Nephropathy | | 1 | 2 | 2 | | | 3 | 4 | 3 | | 3 | 1 | 1 | | 3 | 3 | | 3 | 1 | 3 | | 3 | 3 | 1 | 4 | 2 | | | | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | 2 | | |
| Renal Tubule, Dilatation | | | | |
| * .. 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 | | | | |

Date Report Requested: 03/31/2010
Time Report Requested: 13:41:41
First Dose M/F: 01/18/05 / 01/18/05
Lab: SRI

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE | | DAY ON TEST | | | | | | | | | | | | | | | | |
|-----------------------|--|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|--|
| | | 062 | 073 | 073 | 068 | 012 | 073 | 058 | 063 | 009 | 009 | 069 | 043 | 053 | 072 | 068 | | |
| 0.3 MG/KG | | 5 | 3 | 3 | 8 | 2 | 3 | 8 | 3 | 9 | 9 | 3 | 9 | 3 | 3 | 2 | 8 | |
| | | 2 | 0 | 0 | 2 | 2 | 0 | 2 | 9 | 1 | 1 | 7 | 6 | 5 | 9 | 2 | | |
| | | 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 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | * TOTALS | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--------|
| Esophagus | + | + | + | + | + | + | + | + | | + | + | + | + | + | | 49 | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | | + | + | + | + | + | | 50 | |
| Edema | | | | | | | | | | | | | | | | 1 | 3.0 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | | + | + | + | + | + | | 49 | |
| Intestine Large, Rectum | + | + | I | + | + | + | + | + | | + | + | + | + | + | | 48 | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | | + | + | + | + | + | | 49 | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | 2 | 5 | 2.2 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | | + | + | + | + | + | | 47 | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | | + | + | + | + | + | | 44 | |
| Liver | + | + | + | + | + | + | + | + | | + | + | + | + | + | | 50 | |
| Angiectasis | | | | | | | | | | 2 | | | | | | 1 | 2.0 |
| Basophilic Focus | | X | X | | | X | | X | | | | | X | | | 19 | |
| Clear Cell Focus | | | X | | | | | | | | | | X | | | 10 | |
| Degeneration, Cystic | | | 2 | | | | | | | | | | 3 | | | 2 | 2.5 |
| Eosinophilic Focus | | | X | | | | | | | X | | | | | | 4 | |
| Hepatodiaphragmatic Nodule | | | | | | | | X | | | | | | | | 5 | |
| Infiltration Cellular, Mixed Cell | | | | | | 1 | 1 | | | | | 1 | | | | 6 | 1.3 |
| Mixed Cell Focus | | | | | | X | | | | | | | | X | | 8 | |
| Necrosis, Focal | | | | | | | | | | | | | | | | 3 | 2.3 |
| Thrombosis | | | | | | | | | | | | | | | | 1 | 1.0 |
| Bile Duct, Hyperplasia | 2 | 3 | 1 | 2 | | | | 1 | 1 | | | | | | 1 | 3 | 27 1.5 |

* .. 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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0.3 MG/KG | | DAY ON TEST | 0
6
5
2 | 0
7
3
0 | 0
7
3
0 | 0
6
8
2 | 0
1
2
2 | 0
7
3
0 | 0
5
8
2 | 0
6
3
9 | 0
0
9
1 | 0
0
9
1 | 0
6
9
7 | 0
4
3
6 | 0
5
3
5 | 0
7
2
9 | 0
6
8
2 | | | |
|--|--|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|----------|-----|
| | | ANIMAL ID | 0
0
1
1
6 | 0
0
1
1
7 | 0
0
1
1
8 | 0
0
1
1
9 | 0
0
1
2
0 | 0
0
1
2
1 | 0
0
1
2
2 | 0
0
1
2
3 | 0
0
1
2
4 | 0
0
1
2
5 | 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 | | | |
| | | | | | | | | | | | | | | | | | | | * TOTALS | |
| Centrilobular, Necrosis | | | | | | | | | 2 | | | | 2 | | | | 1 | | 11 | 1.9 |
| Hepatocyte, Vacuolization | | | | 2 | 4 | | | | | | | | | 4 | | | | | 10 | 3.1 |
| Kupffer Cell, Pigmentation | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Mesentery | | + | + | | | + | + | | + | | | | | | | | | | 13 | |
| Accessory Spleen | | X | | | | | X | | | | | | | | | | | | 3 | |
| Fat, Necrosis | | | 3 | | | 2 | | | 3 | | | | | | | | | | 10 | 2.8 |
| Pancreas | | + | + | + | + | + | + | + | + | | | | + | + | + | + | + | | 50 | |
| Atrophy | | | 2 | 1 | | | | | | | | | 3 | | | | 1 | | 24 | 2.1 |
| Cyst | | | 3 | | | | | | | | | | 3 | | 3 | | | | 9 | 3.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Acinus, Cytoplasmic Alteration | | | | | | | | | | | | | | 3 | | | | | 5 | 2.8 |
| Acinus, Hyperplasia, Focal | | | | | | | 1 | | | | | | | | | | | | 1 | 1.0 |
| Salivary Glands | | + | + | + | + | + | + | + | + | | | | + | + | + | + | + | | 50 | |
| Atrophy | | | | | | | | | | | | | | | | | | | 7 | 2.1 |
| Necrosis | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Stomach, Forestomach | | + | + | + | + | + | + | + | + | | | | + | + | + | + | + | | 50 | |
| Edema | | | | | 3 | | | | | | | | | | | | | | 7 | 3.6 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | 4 | 3.0 |
| Ulcer | | | | | 4 | | | | | | | | | 4 | 4 | | | | 9 | 3.3 |
| Epithelium, Hyperplasia | | | 2 | | 3 | | | | 1 | | | | | 3 | 3 | | 1 | | 12 | 2.6 |
| Stomach, Glandular | | + | + | + | + | + | + | + | + | | | | + | + | + | + | + | | 50 | |
| Erosion | | | | | | | | | | | | | | 1 | | | | | 9 | 1.9 |
| Glands, Hyperplasia | | | | | | | | | | | | | | | | | | | 4 | 1.8 |
| Tongue | | | | | | | | | | | | | | | | | | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0.3 MG/KG | | DAY ON TEST | 0652 | 0730 | 0730 | 0682 | 0122 | 0730 | 0582 | 0609 | 0001 | 0001 | 0697 | 0436 | 0535 | 0729 | 0682 | |
|--|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| | | ANIMAL ID | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | |
| | | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | * TOTALS |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | 1 2.0 |
| Tooth Malformation | | | | | | | | | | | | | | | | | | 1 1 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|--|---|---|---|---|---|--|--|---------|
| Blood Vessel Hypertrophy | | | | | | | | | | | | | | | | | 2 2 3.5 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | 1 3.0 |
| Thrombosis | | | | | | | | | | | | | | | | | 1 4.0 |
| Heart | + | + | + | + | + | + | + | + | | + | + | + | + | + | | | 50 |
| Cardiomyopathy | 2 | 3 | 2 | 2 | | 3 | 2 | 2 | | 3 | | | 2 | 3 | | | 43 2.3 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | 1 4.0 |
| Inflammation, Chronic | | | | 3 | | | | | | | | | | | | | 1 3.0 |
| Thrombosis | | | | | | | | | | 2 | | | | 3 | | | 8 3.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|--|---|---|---|---|---|--|--|--------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | | + | + | + | + | + | | | 50 |
| Accessory Adrenal Cortical Nodule | | 3 | | | | | 3 | | | | | 3 | 3 | | | | 14 3.0 |
| Degeneration, Fatty | | 1 | 1 | 3 | | 2 | | | | 1 | | | 2 | | | | 22 2.0 |
| Hemorrhage | | | | | | | | | | | | | | | | | 1 3.0 |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | 2 2.0 |
| Hyperplasia, Diffuse | | | | | | | | | | | | | | | | | 1 3.0 |
| Hypertrophy, Focal | | 1 | | | | | | | | 2 | | | | | | | 7 1.9 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | | + | + | + | + | + | | | 50 |
| Hyperplasia | | 2 | | | | | | | | 3 | | | 1 | 2 | | | 19 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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0.3 MG/KG | DAY ON TEST | 0
6
5
2 | 0
7
3
0 | 0
7
3
0 | 0
6
8
2 | 0
1
2
2 | 0
7
3
0 | 0
5
8
2 | 0
6
3
9 | 0
0
1
1 | 0
0
9
1 | 0
6
9
7 | 0
4
3
6 | 0
5
3
5 | 0
7
2
9 | 0
6
8
2 | |
|--|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------|
| | ANIMAL ID | 0
0
1
1
6 | 0
0
1
1
7 | 0
0
1
1
8 | 0
0
1
1
9 | 0
0
1
2
0 | 0
0
1
2
1 | 0
0
1
2
2 | 0
0
1
2
3 | 0
0
1
2
4 | 0
0
1
2
5 | 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 | |
| | | | | | | | | | | | | | | | | | |
| | * TOTALS | | | | | | | | | | | | | | | | |
| Islets, Pancreatic
Hyperplasia | | + | + | + | + | + | + | + | | | | + | + | + | + | + | 50
1 2.0 |
| Parathyroid Gland
Hyperplasia | | + | + | + | M | M | + | + | + | | | + | + | + | + | + | 46
2 2.0 |
| Pituitary Gland | | + | + | + | + | + | + | + | | | | + | + | + | + | + | 50 |
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | | | 2 2.5 |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | 3 | | 3 3.0 |
| Pars Distalis, Hyperplasia | | | | | | | | 3 | | | | | | | 1 | | 5 1.8 |
| Pars Distalis, Hypertrophy, Focal | | | 2 | | | | | | | | | | | | | | 2 2.0 |
| Pars Intermedia, Angiectasis | | | | | | | | | 3 | | | | | | | | 1 3.0 |
| Pars Intermedia, Cyst | | | | | | | | | | | | | | | | | 2 3.0 |
| Thyroid Gland | | + | + | + | + | + | + | + | | | | + | + | + | + | + | 50 |
| Ultimobranchial Cyst | | | | | | | | | | | | | 3 | | | 3 | 2 3.0 |
| C-cell, Hyperplasia | | | | | | | | | | | | 3 | | | 1 | | 5 1.8 |
| Follicle, Cyst | | | | | | | | | | | | | | | | | 1 3.0 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|--|--|---|---|---|---|---|----|-----|
| Epididymis | + | + | + | + | + | + | + | + | | | + | + | + | + | + | 50 | |
| Inflammation, Chronic | | 2 | | | | | | | | | | | | | | 3 | 2.0 |
| Preputial Gland | + | + | + | + | + | + | + | + | | | + | + | + | + | + | 50 | |
| Inflammation, Chronic | | | | | | | 2 | 2 | | | | | 3 | 2 | 2 | 15 | 2.2 |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE
0.3 MG/KG | DAY ON TEST | 0
6
5
2 | 0
7
3
0 | 0
7
3
0 | 0
6
8
2 | 0
1
2
2 | 0
7
3
0 | 0
5
8
2 | 0
6
3
9 | 0
0
9
1 | 0
0
9
1 | 0
6
9
7 | 0
4
3
6 | 0
5
3
5 | 0
7
2
9 | 0
6
8
2 | | | | |
|---------------------------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|----------|-----|-----|
| | ANIMAL ID | 0
0
1
1
6 | 0
0
1
1
7 | 0
0
1
1
8 | 0
0
1
1
9 | 0
0
1
2
0 | 0
0
1
2
1 | 0
0
1
2
2 | 0
0
1
2
3 | 0
0
1
2
4 | 0
0
1
2
5 | 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 | | | | |
| | | | | | | | | | | | | | | | | | | * TOTALS | | |
| Prostate | | + | + | + | + | + | + | + | | | | + | + | + | + | + | | 50 | | |
| Inflammation, Chronic | | | 2 | | 1 | | | 2 | | | | 3 | 2 | 3 | 2 | 2 | | | 36 | 2.3 |
| Epithelium, Hyperplasia | | | | 1 | | | | | | | | | | | | | | 2 | 1.0 | |
| Seminal Vesicle | | + | + | + | + | + | + | + | | | | + | + | + | + | + | | 50 | | |
| Testes | | + | + | + | + | + | + | + | | | | + | + | + | + | + | | 50 | | |
| Artery, Inflammation, Chronic | | | | | | | | | | | | | | | | | | | 3 | 1.7 |
| Germinal Epithelium, Atrophy | | | 2 | 4 | | | | | | | | 1 | | | 1 | 4 | | | 21 | 2.4 |
| Interstitial Cell, Hyperplasia | | | | | | 1 | | | | | | | | | | | | 5 | 1.2 | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | | + | + | + | + | + | + | + | | | | + | + | + | + | + | | 50 | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | 8 | 2.8 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | 4 | | | | 1 | 4.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Lymph Node | | | | + | | | | + | + | | | + | + | | | + | | 20 | | |
| Mediastinal, Ectasia | | | | | | | | | 2 | | | | | | | | | | 5 | 2.4 |
| Mediastinal, Hemorrhage | | | | | | | | | | | | | 2 | | | | | | 4 | 2.0 |
| Mediastinal, Hyperplasia, Lymphoid | | | | | 3 | | | 3 | | | | | | | | | | | 4 | 2.8 |
| Mediastinal, Hyperplasia, Plasma Cell | | | | | | | | | | | | | | | | | | | 2 | 3.0 |
| Mediastinal, Pigmentation | | | | | | | | | | | | | 1 | | | | | | 1 | 1.0 |
| Pancreatic, Ectasia | | | | | | | | | | | | | | | | 2 | | | 4 | 2.3 |
| Lymph Node, Mandibular | | M | M | M | M | M | M | M | | | | M | M | M | M | M | | 0 | | |
| Lymph Node, Mesenteric | | + | + | + | + | + | + | + | | | | + | + | + | + | + | | 50 | | |
| Ectasia | | | | | | | 2 | | | | | | | | | | | | 2 | 1.5 |

* .. 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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

0.3 MG/KG | | DAY ON TEST | 0
6
5
2 | 0
7
3
0 | 0
7
3
0 | 0
6
8
2 | 0
1
2
2 | 0
7
3
0 | 0
5
8
2 | 0
6
3
9 | 0
0
9
1 | 0
0
9
1 | 0
6
9
7 | 0
4
3
6 | 0
5
3
5 | 0
7
2
9 | 0
6
8
2 | | | | | |
|--|--|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------|--|----------|--|--|
| | | ANIMAL ID | 0
0
1
1
6 | 0
0
1
1
7 | 0
0
1
1
8 | 0
0
1
1
9 | 0
0
1
2
0 | 0
0
1
2
1 | 0
0
1
2
2 | 0
0
1
2
3 | 0
0
1
2
4 | 0
0
1
2
5 | 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 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | * TOTALS | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | 5 1.2 | | |
| Hyperplasia, Lymphoid
Pigmentation | | | | | | | | | | | | | | | | | | | | 20 2.3 | | |
| | | | | | | | | | | | | | | | | | | | | 1 3.0 | | |
| Spleen | | + | + | + | + | + | + | + | + | | | | + | + | + | + | + | 50 | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | 9 2.6 | | |
| Infiltration Cellular, Mixed Cell | | | | | | | | | | | | | | | | | | | | 1 4.0 | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | 1 4.0 | | |
| Pigmentation | | | | | | | | | | | | | | | | | | | | 2 3.0 | | |
| Lymphoid Follicle, Atrophy | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |
| Lymphoid Follicle, Hyperplasia | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |
| Thymus | | + | + | + | + | + | + | + | + | | | | + | + | + | + | M | 44 | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | 1 3.0 | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | | + | + | + | + | + | + | + | + | | | | + | + | + | + | + | 49 | | | | |
| Hyperplasia | | 3 | | | 3 | | | | | | | | | 3 | 3 | | | 27 3.4 | | | | |
| Skin | | + | + | + | + | + | | + | + | | | | + | + | + | + | + | 49 | | | | |
| Edema | | | | | | | | | | | | | | | | | | | | 1 4.0 | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | 1 3.0 | | |
| Hyperkeratosis | | | | | | | | | | | | | | | | | | | | 1 4.0 | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | 1 2.0 | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | 4 4.0 | | |
| Control, Edema | | | | | | | | | | | | | | | | | | | | 1 3.0 | | |
| Epidermis, Hyperplasia | | | | | | | | | | | | | | | | | | | | 4 3.5 | | |
| Site Of Application, Hyperkeratosis | | | | | | | | | | | | | | | | | | | | 4 1.0 | | |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | ANIMAL ID | |
|-----------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 0.3 MG/KG | 6 | 7 | 7 | 6 | 1 | 7 | 5 | 6 | 0 | 0 | 6 | 4 | 5 | 7 | 6 | | |
| | 5 | 3 | 3 | 8 | 2 | 3 | 8 | 3 | 9 | 9 | 9 | 3 | 3 | 2 | 8 | | |
| | 2 | 0 | 0 | 2 | 2 | 0 | 2 | 9 | 1 | 1 | 7 | 6 | 5 | 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 | 0 | 0 | 0 | 0 | | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | |
| * TOTALS | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|--|--|---|---|---|---|---|--|-------|
| Bone | + | + | + | + | + | + | + | + | | | + | + | + | + | + | | 50 |
| Fibrous Osteodystrophy | | | | | | | | | | | | | | | | | 1 1.0 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|--|--|---|---|---|---|---|--|--------|
| Brain | + | + | + | + | + | + | + | + | | | + | + | + | + | + | | 50 |
| Compression | 4 | | | 4 | | 2 | | | | | 4 | 4 | | 1 | | | 26 3.2 |
| Hemorrhage | | | | | | | | | | | | | | | | | 1 3.0 |
| Necrosis | | | | | | | | | | | | | | | | | 1 3.0 |
| Meninges, Fibrosis | | | | | | | | | | | | | | | | | 1 3.0 |
| Peripheral Nerve | | | | | | | | | | | | + | | + | | | 3 |
| Spinal Cord | | | | | | | | | | | | + | | + | | | 3 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|--|--|---|---|---|---|---|--|--------|
| Lung | + | + | + | + | + | + | + | + | | | + | + | + | + | + | | 50 |
| Edema | | | | | | | | | | | | | | | | | 1 3.0 |
| Hemorrhage | | | | | | | | | | | | | | | 2 | | 4 2.8 |
| Infiltration Cellular, Histiocyte | 1 | 1 | 1 | | | | | | | | | | | | 2 | | 18 1.3 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | 1 3.0 |
| Inflammation, Chronic | | 1 | | | | | | | | | | | 1 | | | | 12 1.6 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | 2 1.0 |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | 2 2.0 |
| Thrombosis | | | | | | | | | | | | | | | | | 1 2.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | 1 | | | | | | | | | 2 | | 9 2.0 |
| Pleura, Fibrosis | | | | | | | | | | | | | | | | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | | |
|-----------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| | 0652 | 0730 | 0730 | 0682 | 0122 | 0730 | 0582 | 0609 | 0009 | 0009 | 0697 | 0433 | 0535 | 0729 | 0682 | | |
| 0.3 MG/KG | ANIMAL ID | | | | | | | | | | | | | | | | |
| | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | 0011 | | |
| | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | 1111 | | |
| | 6789 | 6789 | 6789 | 6789 | 6789 | 6789 | 6789 | 6789 | 6789 | 6789 | 6789 | 6789 | 6789 | 6789 | 6789 | | |
| * TOTALS | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|--|--|---|---|---|---|---|--|--------|
| Nose | + | + | + | + | + | + | + | + | | | + | + | + | + | + | | 50 |
| Foreign Body | | X | X | X | | X | X | | | | X | | X | | | | 27 |
| Fungus | | | | X | | | X | | | | | | | | | | 4 |
| Hemorrhage | | | | | 4 | | | | | | | | | | | | 2 3.5 |
| Inflammation, Chronic | | | | 4 | | 1 | 4 | | | | 1 | | | | | | 19 1.9 |
| Respiratory Epithelium, Hyperplasia | | | | 3 | | | 3 | | | | | | | | | | 11 1.8 |
| Respiratory Epithelium, Metaplasia, Squamous | | | | 4 | | | 4 | | | | | | | | | | 5 3.4 |

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

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|--|--|---|---|---|---|---|--|-------|
| Eye | + | + | + | + | + | + | + | + | | | + | + | + | + | + | | 50 |
| Cataract | | | | | | | | | | | | | | | 2 | | 2 2.5 |
| Inflammation, Acute | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | 1 2.0 |
| Retina, Degeneration | | | | | | | | | | | | | | | 3 | | 2 3.5 |

| | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|--|--|---|---|---|---|---|--|-------|
| Harderian Gland | + | + | + | + | + | + | + | + | | | + | + | + | + | + | | 50 |
| Hyperplasia, Focal | | | | | | | | | | | 1 | | | | | | 2 1.5 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | 1 4.0 |

| | | | | | | | | | | | | | | | | | |
|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Zymbal's Gland | | | | | | | | | | | | | | | | | 2 |
|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|--|--|---|---|---|---|---|--|--------|
| Kidney | + | + | + | + | + | + | + | + | | | + | + | + | + | + | | 50 |
| Nephropathy | 2 | 1 | 2 | 2 | | 3 | 1 | 1 | | | 3 | 3 | 1 | 2 | 2 | | 44 2.2 |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | 1 2.0 |
| Renal Tubule, Dilatation | | | | | | | | | | | | | | | | | 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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| | | | | | | | | | | | | | | | | | |
|--|-------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|
| FISCHER 344 RATS MALE

0.3 MG/KG | DAY ON TEST | 0 6
5
2 | 0 7
3
0 | 0 7
3
0 | 0 6
8
2 | 0 1
2
2 | 0 7
3
0 | 0 5
8
2 | 0 6
3
9 | 0 0
9
1 | 0 0
9
1 | 0 6
9
7 | 0 4
3
6 | 0 5
3
5 | 0 7
2
9 | 0 6
8
2 | |
| | ANIMAL ID | 0 0
1
1
6 | 0 0
1
1
7 | 0 0
1
1
8 | 0 0
1
1
9 | 0 0
1
2
0 | 0 0
1
2
1 | 0 0
1
2
2 | 0 0
1
2
3 | 0 0
1
2
4 | 0 0
1
2
5 | 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 | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Renal Tubule, Necrosis | | | | | | | | | | | | | | | | | 3 3.0 |
| Renal Tubule, Pigmentation | | | | | | | | | | | | | | | | | 3 2.3 |
| Urinary Bladder | | + | + | + | + | + | + | + | | | | + | + | + | + | + | 50 |

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE | DAY ON TEST | |
|-----------------------|-----------------|
| | 0730 | 0730 |
| 1.0 MG/KG | 00131 | 00131 |
| ANIMAL ID | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | males (cont...) | |

ALIMENTARY SYSTEM

| | | | | | | | |
|---------------------------|---|---|---|---|--|--|---|
| Esophagus | + | M | + | + | | | + |
| Intestine Large, Cecum | + | + | + | + | | | + |
| Edema | | | | | | | 2 |
| Inflammation, Suppurative | | | | | | | |
| Intestine Large, Colon | + | + | + | + | | | + |
| Intestine Large, Rectum | + | + | + | + | | | + |
| Edema | | | | | | | 2 |
| Intestine Small, Duodenum | + | + | + | + | | | + |
| Epithelium, Hyperplasia | | | | | | | |
| Intestine Small, Ileum | + | + | + | + | | | + |
| Intestine Small, Jejunum | + | + | + | A | | | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ulcer | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | |
| Liver | + | + | + | + | | | + |
| Angiectasis | | 1 | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | X | | X | | | | X | X | | | | | X | | | | X | X | | | | X | X | | | |
| Clear Cell Focus | X | | X | | | | X | | | | | | X | | | | X | | | | | | | | | |
| Degeneration, Cystic | | | | | | | |
| Eosinophilic Focus | | X | | | | | | X | | | | | | | | | | | | | | | | | | |
| Fibrosis, Focal | | | | | | | |
| Hemorrhage | | | | | | | 3 |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

1.0 MG/KG | | DAY ON TEST | | | | | males
(cont...) |
|---|--|--|-----------------------|--|--|--|--------------------|
| | | 0
7
3
0 | 0
7
3
0 | 0
7
2
9 | 0
5
3
8 | 0
0
9
1 | 0
0
1
5 | 0
7
2
9 | 0
7
3
0 | 0
4
6
5 | 0
7
4
5 | 0
3
9
0 | 0
6
2
3 | 0
7
9
1 | 0
0
2
9 | 0
7
2
9 | 0
0
1
5 | 0
3
6
6 | 0
6
2
6 | 0
4
1
6 | 0
5
9
8 | 0
3
6
6 | 0
7
2
9 | | | | | | | |
| | | 0
0
1
3
1 | 0
0
1
3
2 | 0
0
1
3
3 | 0
0
1
3
4 | 0
0
1
3
5 | 0
0
1
3
6 | 0
0
1
3
7 | 0
0
1
3
8 | 0
0
1
3
9 | 0
0
1
4
0 | 0
0
1
4
1 | 0
0
1
4
2 | 0
0
1
4
3 | 0
0
1
4
4 | 0
0
1
4
5 | 0
0
1
4
6 | 0
0
1
4
7 | 0
0
1
4
8 | 0
0
1
4
9 | 0
0
1
5
0 | 0
0
1
5
1 | 0
0
1
5
2 | 0
0
1
5
3 | 0
0
1
5
4 | 0
0
1
5
5 | | | | |
| Hepatodiaphragmatic Nodule
Infiltration Cellular, Mixed Cell
Mixed Cell Focus
Thrombosis
Bile Duct, Hyperplasia
Centrilobular, Necrosis
Hepatocyte, Vacuolization Cytoplasmic | | X

< | | | | | |

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

1.0 MG/KG | | DAY ON TEST | | | | | | | | | | | | | | | | | | males
(cont...) | | | | | | |
|--|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | 0
7
3
0 | 0
7
3
0 | 0
7
2
9 | 0
5
3
8 | 0
0
9
1 | 0
0
1
5 | 0
7
2
9 | 0
7
3
0 | 0
4
6
5 | 0
7
0
5 | 0
4
8
5 | 0
7
3
0 | 0
6
9
3 | 0
7
2
9 | 0
0
9
1 | 0
7
2
9 | 0
0
9
1 | 0
3
6
6 | | | 0
6
2
6 | 0
4
1
6 | 0
5
9
8 | 0
3
6
6 | 0
7
2
9 |
| | | 0
0
1
3
1 | 0
0
1
3
2 | 0
0
1
3
3 | 0
0
1
3
4 | 0
0
1
3
5 | 0
0
1
3
6 | 0
0
1
3
7 | 0
0
1
3
8 | 0
0
1
3
9 | 0
0
1
4
0 | 0
0
1
4
1 | 0
0
1
4
2 | 0
0
1
4
3 | 0
0
1
4
4 | 0
0
1
4
5 | 0
0
1
4
6 | 0
0
1
4
7 | 0
0
1
4
8 | | | 0
0
1
4
9 | 0
0
1
5
0 | 0
0
1
5
1 | 0
0
1
5
2 | 0
0
1
5
3 |
| Edema | | | | | | | | | | | | | 3 | | | | | | | 3 | | | | | | |
| Erosion | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | 2 | | | | | | | | | | | | | | | | 2 |
| Glands, Hyperplasia | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|--|--|---|---|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|--|
| Adrenal Cortex | + | + | + | + | | | + | + | + | + | + | + | + | | + | + | | | + | + | + | | + | | | |
| Accessory Adrenal Cortical Nodule | | 3 | 3 | 3 | | | 3 | | | 3 | | 3 | | | 3 | | | | 3 | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Degeneration, Fatty | | 1 | 2 | | | | | | 2 | | | 4 | 1 | | 1 | 1 | | | | | | | | | 2 | |
| Hyperplasia, Focal | 1 | | | | | | 1 | | | | | | | | | | | | | | | | | | | |
| Hypertrophy, Focal | | | | | | | | | | | | | 1 | | 1 | | | | | | | | | | 3 | |
| Adrenal Medulla | + | + | + | + | | | + | + | + | + | + | + | + | | + | + | | | + | + | + | | + | | | |
| Hyperplasia | | 1 | | | | | 1 | 1 | | 1 | | | | | | 1 | | | | | | 2 | | 2 | | |
| Islets, Pancreatic | + | + | + | + | | | + | + | + | + | + | + | + | | + | + | | | + | + | + | | + | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland | + | + | + | + | | | + | + | + | + | M | M | + | + | | + | + | | | + | + | + | | + | | |
| Pituitary Gland | + | + | + | + | | | + | + | + | + | + | + | + | | + | + | | | + | + | + | | + | | | |
| Pars Distalis, Angiectasis | | | | | | | | | | | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

1.0 MG/KG | DAY ON TEST | |
|--|-------------|
| | 0730 | 0730 | 0732 | 0753 | 0759 | 0751 | 0772 | 0773 | 0746 | 0774 | 0744 | 0776 | 0763 | 0772 | 0707 | 0772 | 0709 | 0729 | 0791 | 0791 | 0729 | 0721 | 0736 | 0766 | 0741 | 0759 | 0736 | 0772 |
| ANIMAL ID | 00131 | 00133 |
| Pars Distalis, Cyst | | | | | | | | | 3 | | | | 3 | | | | | | | | | | | | | | | |
| Pars Distalis, Hyperplasia | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | |
| Pars Intermedia, Angiectasis | | 2 | | |
| Thyroid Gland | + | + | + | + | | | | + | + | + | + | + | + | + | | + | | | | + | | | | + | + | + | | + |
| C-cell, Hyperplasia | 1 | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | |
| Follicle, Cyst | |
| Follicular Cell, Hyperplasia | |
| GENERAL BODY SYSTEM | |
| Tissue NOS | | | | | | | | | + | | | | | | | | | | | | | | | | | | | |
| GENITAL SYSTEM | |
| Epididymis | + | + | + | + | | | | + | + | + | + | + | + | + | | + | | + | | | | | + | + | + | | + | |
| Fibrosis | |
| Inflammation, Chronic | | 3 | |
| Preputial Gland | + | + | + | + | | | | + | + | + | + | + | + | + | | + | | + | | | | | + | + | + | | + | |
| Cyst | |
| Hyperplasia | |
| Inflammation, Chronic | | | | | 2 | | | 2 | 4 | | | | | 2 | | | | | | | | | | | | | | |
| Prostate | + | + | + | + | | | | + | + | + | + | + | + | + | | + | | + | | | | | + | + | + | | + | |
| Fibrosis | |
| Inflammation, Chronic | 2 | | 2 | 3 | | | | 2 | 1 | | | | | 2 | | | | 3 | | 1 | | | | | 2 | 2 | | 2 |
| Epithelium, Hyperplasia | |
| Seminal Vesicle | + | + | + | + | | | | + | + | + | + | + | + | + | | + | | + | | | | | + | + | + | | + | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE | DAY ON TEST | |
|-----------------------|-----------------|
| | 0730 | 0730 | 0732 | 0738 | 0739 | 0731 | 0732 | 0733 | 0736 | 0735 | 0735 | 0730 | 0734 | 0739 | 0732 | 0731 | 0739 | 0731 | 0739 | 0732 | 0735 | 0736 | 0736 | 0732 | 0731 | 0739 | 0736 | 0739 |
| 1.0 MG/KG | 00131 | 00133 |
| ANIMAL ID | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | males (cont...) | |

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

HEMATOPOIETIC SYSTEM

| | | | | | | | |
|--------------------------------------|---|---|---|---|---|--|---|
| Bone Marrow | + | + | + | + | | | + |
| Angiectasis | | | | | | | |
| Depletion Cellular | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 3 | | 3 | |
| Necrosis | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | |
| Lymph Node | | | | + | | | | | | | + | | + | | | | | | | | | | | + | + | | + |
| Deep Cervical, Hemorrhage | | | | | | | |
| Deep Cervical, Hyperplasia, Lymphoid | | | | | | | |
| Mediastinal, Ectasia | | | | | | | | | | | | | | | | | | | | | | | | 4 | 2 | | |
| Mediastinal, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| Pancreatic, Ectasia | | | | | 3 | | |
| Pancreatic, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| Pancreatic, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| Lymph Node, Mandibular | M | M | M | M | | | M | M | M | M | M | M | M | M | | M | | M | | | | | M | M | M | | M |
| Lymph Node, Mesenteric | + | + | + | + | | | + | + | + | + | + | + | + | + | | + | | + | | | | | + | + | + | | + |
| Ectasia | | | | | | | | 2 | | | | | | | | | | | | | | | 2 | | | | |
| Hemorrhage | 1 | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | 2 | 2 | 3 | | | | | | | | | | | | | | | | | | | | 2 | 3 | 2 | |
| Spleen | + | + | + | + | | | + | + | + | + | + | + | + | + | | + | | + | | | | | + | + | + | | + |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

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

Fibrosis
 Hematopoietic Cell Proliferation
 Necrosis
 Pigmentation
 Lymphoid Follicle, Atrophy

Thymus

INTEGUMENTARY SYSTEM

Mammary Gland
 Hyperplasia
 Inflammation, Chronic Active

Skin
 Cyst Epithelial Inclusion
 Ulcer
 Control, Cyst Epithelial Inclusion
 Epidermis, Hyperplasia
 Epidermis, Site Of Application, Hyperplasia
 Site Of Application, Hyperkeratosis
 Site Of Application, Inflammation, Chronic

MUSCULOSKELETAL SYSTEM

Bone
 Femur, Osteopetrosis

Skeletal Muscle

NERVOUS SYSTEM

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

1.0 MG/KG | | DAY ON TEST | | | | | males
(cont...) |
|--|--|-----------------------|--|--|---|--------------------|
| | | 0
7
3
0 | 0
7
3
0 | 0
7
2
9 | 0
5
3
8 | 0
0
9
1 | 0
0
1
5 | 0
7
2
9 | 0
7
3
0 | 0
4
6
5 | 0
7
0
5 | 0
4
8
5 | 0
7
3
0 | 0
6
9
3 | 0
7
2
9 | 0
0
1
9 | 0
7
0
1 | 0
0
2
9 | 0
7
1
9 | 0
0
2
5 | 0
3
6
6 | 0
6
2
6 | 0
4
1
6 | 0
5
9
8 | 0
3
6
6 | 0
7
2
9 | | | | |
| | | ANIMAL ID | | | | | |
| | | 0
0
1
3
1 | 0
0
1
3
2 | 0
0
1
3
3 | 0
0
1
3
4 | 0
0
1
3
5 | 0
0
1
3
6 | 0
0
1
3
7 | 0
0
1
3
8 | 0
0
1
3
9 | 0
0
1
4
0 | 0
0
1
4
1 | 0
0
1
4
2 | 0
0
1
4
3 | 0
0
1
4
4 | 0
0
1
4
5 | 0
0
1
4
6 | 0
0
1
4
7 | 0
0
1
4
8 | 0
0
1
4
9 | 0
0
1
5
0 | 0
0
1
5
1 | 0
0
1
5
2 | 0
0
1
5
3 | 0
0
1
5
4 | 0
0
1
5
5 | | | | |
| Brain | | + | + | + | + | | | + | + | + | + | + | + | + | + | + | + | + | | + | | + | + | + | | + | | | | |
| Compression | | 2 | 3 | | 4 | | | | | | 4 | | | | 2 | | 4 | | | | | | 3 | 3 | | 2 | | | | |
| Hemorrhage | | | | | 2 | | | | |
| Necrosis | | | | | 2 | | | | |
| Peripheral Nerve | | | | | | |
| | | | | | | | | | | | | | | | | + | | | | | | | | | | | | | + | |
| Spinal Cord | | | | | | + |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | + | + | | | + | + | + | + | + | + | + | + | + | | + | + | | + | + | + | | + |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | |
| Foreign Body | | | | | | | | | | | | | X | | | | | | | | | | | |
| Hemorrhage | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | 1 | 1 | | | | | | | | | | | | | | 1 | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | 1 | | 1 | | 1 | | | | | 2 | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | 3 | | | | | | | | | | |
| Alveolar Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | 3 | | | | | | | | | | |
| Bronchiole, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | |
| Nose | + | + | + | + | | | + | + | + | + | + | + | + | | | + | + | | + | + | + | | + | |
| Foreign Body | | X | | | | | X | | | X | | | X | X | | | | | X | | | | X | |
| Fungus | | | | | | | | | X | | | | X | | | | | | | | | | X | |
| Inflammation, Chronic | | | 1 | | | | 1 | | | 3 | | | 1 | 3 | | | | | 1 | | | | 1 | |
| Respiratory Epithelium, Hyperplasia | | | 1 | | | | 1 | | | 2 | | | | 3 | | | | | | | | | | |
| Respiratory Epithelium, Metaplasia, Squamous | | | | | | | | | | 3 | | | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

1.0 MG/KG | DAY ON TEST | 0
7
3
0 | 0
7
3
0 | 0
7
2
9 | 0
5
3
8 | 0
0
9
1 | 0
0
1
5 | 0
7
2
9 | 0
7
3
0 | 0
4
6
5 | 0
7
4
5 | 0
4
7
5 | 0
6
3
0 | 0
7
9
1 | 0
0
2
9 | 0
7
2
1 | 0
0
9
9 | 0
0
2
1 | 0
3
6
6 | 0
6
2
6 | 0
4
1
6 | 0
5
9
8 | 0
3
6
6 | 0
7
2
9 | males
(cont...) | | |
|---|-------------|--------------------|-----------------------|-----------------------|
| | ANIMAL ID | 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
4
9 | 0
0
1
4
0 | 0
0
1
4
1 | 0
0
1
4
2 | 0
0
1
4
3 | 0
0
1
4
4 | 0
0
1
4
5 | 0
0
1
4
6 | 0
0
1
4
7 | 0
0
1
4
8 | 0
0
1
5
9 | 0
0
1
5
0 | 0
0
1
5
1 | 0
0
1
5
2 | 0
0
1
5
3 | | 0
0
1
5
4 | 0
0
1
5
5 |
| | | | | |
| Trachea | | + | + | + | + | | | + | + | + | + | + | + | + | | + | | + | | | + | + | + | | + | | |
| SPECIAL SENSES SYSTEM | | | | |
| Eye | | + | + | + | + | | | + | + | + | + | + | + | + | | + | | + | | | + | + | + | | + | | |
| Cataract | | | 1 | |
| Inflammation, Suppurative | | | | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| Retina, Degeneration | | | 3 | |
| Harderian Gland | | + | + | + | + | | | + | + | + | + | + | + | + | | + | | + | | | + | + | + | | + | | |
| Hyperplasia, Focal | | | | |
| Zymbal's Gland | | | | | | | | | | | | | | | | | | | | | + | | | | | | |
| URINARY SYSTEM | | | | |
| Kidney | | + | + | + | + | | | + | + | + | + | + | + | + | | + | | + | | | + | + | + | | + | | |
| Inflammation, Chronic | | | | |
| Nephropathy | | 2 | 2 | 3 | 1 | | | 3 | 1 | 1 | 3 | 1 | 2 | 1 | 2 | | 3 | | 3 | | | 2 | 3 | 2 | | 3 | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | 3 | | | | |
| Renal Tubule, Dilatation | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Renal Tubule, Necrosis | | | | |
| Renal Tubule, Pigmentation | | | | |
| Transitional Epithelium, Hyperplasia | | | | 2 | | | |
| Urinary Bladder | | + | + | + | + | | | + | + | + | + | + | + | + | | + | | + | | | + | + | + | | + | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|---|---|---|---|--|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | | + | + | + | + | + |
| Intestine Large, Cecum
Edema
Inflammation, Suppurative | | | + | + | + | + | | + | + | | + | + | + | + | + | A | + | + | + | | + | + | + | + |
| Intestine Large, Colon | | | + | + | + | + | | + | + | | + | + | + | + | + | A | + | + | + | | + | + | + | + |
| Intestine Large, Rectum
Edema | | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | + | | + | + | + | + |
| Intestine Small, Duodenum
Epithelium, Hyperplasia | | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | + | | + | + | + | + |
| Intestine Small, Ileum | | | + | + | + | + | | + | + | | + | + | + | + | + | A | + | + | + | | + | + | + | + |
| Intestine Small, Jejunum
Ulcer
Epithelium, Hyperplasia | | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | + | | + | + | + | + |
| Liver | | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | + | | + | + | + | + |
| Angiectasis | | | | | | | | | | | | | | | | 1 | | | 2 | | | | | |
| Basophilic Focus | | | X | X | | X | | X | | | X | X | X | X | | X | | X | | | X | | X | |
| Clear Cell Focus | | | X | X | | | | | | | X | | | X | | X | | X | | | | | | |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | X | | | |
| Fibrosis, Focal | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

1.0 MG/KG | | DAY ON TEST | 0
0
9
1 | 0
3
6
6 | 0
7
3
0 | 0
7
3
1 | 0
6
6
9 | 0
7
3
0 | 0
3
6
6 | 0
7
2
8 | 0
7
2
9 | 0
0
9
1 | 0
4
4
3 | 0
7
7
9 | 0
7
2
9 | 0
7
2
9 | 0
6
0
9 | 0
7
3
0 | 0
7
3
0 | 0
7
3
0 | 0
3
6
6 | 0
5
7
1 | 0
7
3
1 | 0
7
1
5 | 0
7
2
9 | 0
5
4
3 | males
(cont...) |
|--|--|-------------|--------------------|
| | | ANIMAL ID | 0
0
1
5
6 | 0
0
1
5
7 | 0
0
1
5
8 | 0
0
1
5
9 | 0
0
1
6
0 | 0
0
1
6
1 | 0
0
1
6
2 | 0
0
1
6
3 | 0
0
1
6
4 | 0
0
1
6
5 | 0
0
1
6
6 | 0
0
1
6
7 | 0
0
1
6
8 | 0
0
1
6
9 | 0
0
1
7
0 | 0
0
1
7
1 | 0
0
1
7
2 | 0
0
1
7
3 | 0
0
1
7
4 | 0
0
1
7
5 | 0
0
1
7
6 | 0
0
1
7
7 | 0
0
1
7
8 | 0
0
1
7
9 | |
| Hepatodiaphragmatic Nodule | | | | | | | | X | | | | | | | | | | X | | | | | | | | | |
| Infiltration Cellular, Mixed Cell | | | | | 1 | | | 1 | | | | | | | | | | | | | | | | 1 | | | |
| Mixed Cell Focus | | | | | X | | | | | | | | | X | X | | | | | X | | | | | X | | |
| Thrombosis | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | |
| Bile Duct, Hyperplasia | | | | | | 1 | | | | | 3 | 1 | | | | | 1 | | | 2 | 2 | | | | 1 | | |
| Centrilobular, Necrosis | | | | | | | | | | | | | | | | | | 3 | | | | | 1 | | | | |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | | | | | | | | 4 | | | 2 | | | | | | | 3 | | 4 | | |
| Mesentery | | | | | | | | + | | + | + | | | | | + | + | | + | | | | + | | | | |
| Accessory Spleen | | | | | | | | X | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | 3 | 3 | | 4 | | | | 2 | | | | |
| Oral Mucosa | | | |
| Cyst | | | |
| Pancreas | | | | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | | | 2 | | 3 | 2 | | 3 | | | | | | 3 | | | 3 | 3 | | | 3 | | 2 | | 2 |
| Cyst | | | | | | | | | | | | | 3 | | 3 | | | | | | | | | | | | |
| Acinus, Cytoplasmic Alteration | | | | | | | 3 | |
| Acinus, Hyperplasia, Focal | | | |
| Salivary Glands | | | | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Atrophy | | | | | | | 3 | | | | | | | | | | | | | | | | 2 | 3 | 2 | | |
| Stomach, Forestomach | | | | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Edema | | | | 4 | | |
| Inflammation, Chronic Active | | | | | | | 4 | |
| Ulcer | | | | | | | 4 | | | 4 | | | 4 | | | | | | | | | | 4 | | 4 | | |
| Epithelium, Hyperplasia | | | | | | | 4 | | | | | 4 | | | | | | | | | | | 2 | | 4 | | |
| Stomach, Glandular | | | | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE | DAY ON TEST | | ANIMAL ID | |
|-----------------------|-------------|-----------|--------------------|
| | 0091 | 0366 | 0730 | 0731 | 0669 | 0730 | 0366 | 0728 | 0729 | 0001 | 0421 | 0729 | 0729 | 0729 | 0609 | 0730 | 0730 | 0330 | 0330 | 0330 | 0366 | 0571 | 0731 | 0735 | 0729 | 0543 | |
| 1.0 MG/KG | 00156 | 00157 | 00158 | 00159 | 00160 | 00161 | 00162 | 00163 | 00164 | 00165 | 00166 | 00167 | 00168 | 00169 | 00170 | 00171 | 00172 | 00173 | 00174 | 00175 | 00176 | 00177 | 00178 | 00179 | 00180 | 00181 | males
(cont...) |
| Edema | | | |
| Erosion | | | |
| Ulcer | | | |
| Glands, Hyperplasia | | | |

CARDIOVASCULAR SYSTEM

| |
|----------------|
| Blood Vessel |
| Heart |
| Cardiomyopathy | |

ENDOCRINE SYSTEM

| |
|-----------------------------------|
| Adrenal Cortex |
| Accessory Adrenal Cortical Nodule | |
| Atrophy |
| Degeneration, Fatty |
| Hyperplasia, Focal |
| Hypertrophy, Focal |
| Adrenal Medulla |
| Hyperplasia |
| Islets, Pancreatic |
| Hyperplasia |
| Parathyroid Gland |
| Pituitary Gland |
| Pars Distalis, Angiectasis |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

1.0 MG/KG | DAY ON TEST | | | | |
|--|-----------------------|--------------------|--|--|--|
| | 0
0
9
1 | 0
3
6
6 | 0
7
3
0 | 0
7
3
1 | 0
6
6
9 | 0
7
3
0 | 0
3
6
6 | 0
7
2
8 | 0
7
2
9 | 0
0
1
1 | 0
4
4
3 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
6
0
9 | 0
7
3
0 | 0
7
3
0 | 0
3
6
6 | 0
3
6
6 | 0
5
7
1 | 0
7
3
1 | 0
7
1
5 | 0
7
2
9 | 0
5
4
3 | males
(cont...) | | | |
| ANIMAL ID | 0
0
1
5
6 | 0
0
1
5
7 | 0
0
1
5
8 | 0
0
1
5
9 | 0
0
1
6
0 | 0
0
1
6
1 | 0
0
1
6
2 | 0
0
1
6
3 | 0
0
1
6
4 | 0
0
1
6
5 | 0
0
1
6
6 | 0
0
1
6
7 | 0
0
1
6
8 | 0
0
1
6
9 | 0
0
1
7
0 | 0
0
1
7
1 | 0
0
1
7
2 | 0
0
1
7
3 | 0
0
1
7
4 | 0
0
1
7
5 | 0
0
1
7
6 | 0
0
1
7
7 | 0
0
1
7
8 | 0
0
1
7
9 | | | | |
| Pars Distalis, Cyst | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | |
| Pars Distalis, Hyperplasia | | | | | | | 2 | | | | | | | | | | 3 | | 2 | | | | | | | | | |
| Pars Intermedia, Angiectasis | | | | |
| Thyroid Gland | | | + | + | + | + | | + | + | | + | + | + | + | + | A | + | + | + | | + | + | + | + | + | | | |
| C-cell, Hyperplasia | | | | | | | | | | | | | | | | | | 2 | 1 | | | | | | | | | |
| Follicle, Cyst | | | | | | | | | | | 3 | | | | | | | | | | | | 3 | | | | | |
| Follicular Cell, Hyperplasia | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| GENERAL BODY SYSTEM | | | | |
| Tissue NOS | | | | | + | | | | |
| GENITAL SYSTEM | | | | |
| Epididymis | | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | | | |
| Fibrosis | | | | |
| Inflammation, Chronic | | 2 | | | | | |
| Preputial Gland | | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | | | |
| Cyst | | | | |
| Hyperplasia | | | | |
| Inflammation, Chronic | | | 2 | 2 | | | | 2 | | | | | 2 | | | 3 | | | | | 4 | 2 | 2 | 2 | | | | |
| Prostate | | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | | | |
| Fibrosis | | | | | | 3 | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | 2 | | 3 | 2 | | 2 | 2 | | 3 | 1 | | 2 | | 3 | 2 | 2 | 3 | | 4 | 2 | 2 | | 3 | | | |
| Epithelium, Hyperplasia | | | 1 | | | | | | | | | | | | | 1 | | | | | | | | 2 | | | | |
| Seminal Vesicle | | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE | DAY ON TEST | | ANIMAL ID | |
|-----------------------|-------------|-----------|--------------------|
| | 0091 | 0366 | 0730 | 0731 | 0669 | 0730 | 0366 | 0728 | 0729 | 0001 | 0423 | 0729 | 0729 | 0729 | 0609 | 0730 | 0730 | 0730 | 0330 | 0330 | 0330 | 0366 | 0571 | 0731 | 0715 | 0729 | |
| 1.0 MG/KG | 00156 | 00155 | 00155 | 00155 | 00156 | 00166 | males
(cont...) |

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

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|--|---|---|---|---|--|---|---|--|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|--|
| Bone Marrow | | + | + | + | + | | + | + | | + | + | + | + | + | A | + | + | + | | + | + | + | + | + | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Depletion Cellular | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | | | | | | 3 | | | | | | | | | | | | | 2 | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|--|--|---|--|--|---|--|--|--|---|--|---|--|--|--|---|--|---|---|---|--|---|--|---|--|
| Lymph Node | | | + | | | + | | | | + | | | | | | + | | + | | + | | + | | + | |
| Deep Cervical, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | 3 | | | |
| Deep Cervical, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Mediastinal, Ectasia | | | 4 | | | | | | | | | | | | | | | | | | | 2 | | | |
| Mediastinal, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | 2 | | 3 | |
| Pancreatic, Ectasia | | | 4 | | | | | | | | | 4 | | | | | | | | | | | | | |
| Pancreatic, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreatic, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | 3 | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|---|---|---|---|--|---|---|--|---|---|---|---|---|---|---|---|--|---|---|---|---|---|--|--|
| Lymph Node, Mandibular | | M | M | M | M | | M | M | | M | M | M | M | M | M | M | M | | M | M | M | M | M | | |
|------------------------|--|---|---|---|---|--|---|---|--|---|---|---|---|---|---|---|---|--|---|---|---|---|---|--|--|

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|---|---|---|---|--|---|---|--|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|--|
| Lymph Node, Mesenteric | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | | + | + | + | + | + | | |
| Ectasia | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Hemorrhage | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | | | | 2 | | | 2 | 2 | | 2 | 2 | | | 2 | | | | | | | 3 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|--|---|---|---|---|--|---|---|--|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|--|
| Spleen | | + | + | + | + | | + | + | | + | + | + | + | + | A | + | + | + | | + | + | + | + | + | |
|--------|--|---|---|---|---|--|---|---|--|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|--|

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE | DAY ON TEST | |
|-----------------------|
| | 0
0
9
1 | 0
3
6
6 | 0
7
3
0 | 0
7
3
1 | 0
6
6
9 | 0
7
3
0 | 0
3
6
6 | 0
7
2
8 | 0
7
2
9 | 0
0
1
1 | 0
4
2
3 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
6
0
9 | 0
7
3
0 | 0
7
3
0 | 0
3
6
6 | 0
3
3
0 | 0
3
3
0 | 0
5
7
1 | 0
7
3
1 | 0
7
1
5 | 0
7
2
9 | 0
5
4
3 |
| 1.0 MG/KG | 0
0
1
5
6 | 0
0
1
5
7 | 0
0
1
5
8 | 0
0
1
5
9 | 0
0
1
6
0 | 0
0
1
6
1 | 0
0
1
6
2 | 0
0
1
6
3 | 0
0
1
6
4 | 0
0
1
6
5 | 0
0
1
6
6 | 0
0
1
6
7 | 0
0
1
6
8 | 0
0
1
6
9 | 0
0
1
7
0 | 0
0
1
7
1 | 0
0
1
7
2 | 0
0
1
7
3 | 0
0
1
7
4 | 0
0
1
7
5 | 0
0
1
7
6 | 0
0
1
7
7 | 0
0
1
7
8 | 0
0
1
7
9 | 0
0
1
8
0 |
| ANIMAL ID | |
| | males
(cont...) | |

Fibrosis
 Hematopoietic Cell Proliferation
 Necrosis
 Pigmentation
 Lymphoid Follicle, Atrophy

2
 2
 3
 4
 3
 2

Thymus +

INTEGUMENTARY SYSTEM

Mammary Gland
 Hyperplasia
 Inflammation, Chronic Active

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

Skin
 Cyst Epithelial Inclusion
 Ulcer
 Control, Cyst Epithelial Inclusion
 Epidermis, Hyperplasia
 Epidermis, Site Of Application, Hyperplasia
 Site Of Application, Hyperkeratosis
 Site Of Application, Inflammation, Chronic

+
 X
 4 4 4
 4
 4
 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
 2

MUSCULOSKELETAL SYSTEM

Bone
 Femur, Osteopetrosis

+ +

Skeletal Muscle

+

NERVOUS SYSTEM

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE
1.0 MG/KG | | DAY ON TEST | | | | males
(cont...) |
|------------------------------------|--|-----------------------|---|---|--------------------|
| | | 0
9
1 | 0
3
6 | 0
7
3
0 | 0
7
3
1 | 0
6
3
9 | 0
7
3
0 | 0
3
6
6 | 0
7
2
8 | 0
7
2
9 | 0
0
1
1 | 0
4
4
3 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
6
0
9 | 0
7
3
0 | 0
7
3
0 | 0
3
6
6 | 0
5
7
1 | 0
7
3
1 | 0
7
1
5 | 0
7
2
9 | 0
5
4
3 | | | |
| | | ANIMAL ID | | | | |
| | | 0
0
1
5
6 | 0
0
1
5
7 | 0
0
1
5
8 | 0
0
1
5
9 | 0
0
1
6
0 | 0
0
1
6
1 | 0
0
1
6
2 | 0
0
1
6
3 | 0
0
1
6
4 | 0
0
1
6
5 | 0
0
1
6
6 | 0
0
1
6
7 | 0
0
1
6
8 | 0
0
1
7
0 | 0
0
1
7
1 | 0
0
1
7
2 | 0
0
1
7
3 | 0
0
1
7
4 | 0
0
1
7
5 | 0
0
1
7
6 | 0
0
1
7
7 | 0
0
1
7
8 | 0
0
1
7
9 | | | |
| Brain | | | | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | | |
| Compression | | | | | | | 2 | 4 | | | 2 | | 4 | | 3 | | 2 | 3 | 2 | 2 | | 3 | 3 | 4 | | 4 | |
| Hemorrhage | | | | | |
| Necrosis | | | | | |
| Peripheral Nerve | | | | | | | | | | + | | | | | | | + | | | | | + | | | | | |
| Spinal Cord | | | | | | | | | | + | | | | | | | + | | | | | + | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Lung | | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | | + | + | + | + | + | |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | |
| Foreign Body | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | | 1 | | 3 | 2 | | | | | | | 1 | | | | 1 | 1 | | | | |
| Inflammation, Chronic | | | | | | | | 1 | | | | 1 | | 1 | | 1 | 1 | | | 1 | | 3 | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | 1 | | 3 | 2 | | | | | | | 2 | | | | | 1 | | | | | |
| Alveolar Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bronchiole, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| Nose | | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | | + | + | + | + | + | |
| Foreign Body | | | | X | | X | | X | | | X | | X | X | | X | | X | | X | X | X | X | | |
| Fungus | | | | | | | X | | | | | | | | | | | | | | | | X | | |
| Inflammation, Chronic | | | 1 | 3 | | 1 | | 3 | | | | 1 | 1 | | | | 3 | | 1 | 2 | | 3 | | | |
| Respiratory Epithelium, Hyperplasia | | | | 2 | | | | 2 | | | | | | | | | 3 | | 1 | 2 | | 1 | | | |
| Respiratory Epithelium, Metaplasia, Squamous | | | | | | | | 1 | | | | | | | | | | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

1.0 MG/KG | DAY ON TEST | 0
0
9
1 | 0
3
6
6 | 0
7
3
0 | 0
7
3
1 | 0
6
3
9 | 0
7
3
0 | 0
3
6
6 | 0
7
2
8 | 0
7
2
9 | 0
0
1
1 | 0
4
4
3 | 0
7
2
9 | 0
7
2
9 | 0
6
0
9 | 0
7
3
0 | 0
7
3
0 | 0
7
3
0 | 0
3
6
6 | 0
5
7
1 | 0
7
3
1 | 0
7
1
5 | 0
7
2
9 | 0
5
4
3 | males
(cont...) | | |
|---|-------------|--------------------|---|--|
| | ANIMAL ID | 0
0
1
5
6 | 0
0
1
5
7 | 0
0
1
5
8 | 0
0
1
5
9 | 0
0
1
6
0 | 0
0
1
6
1 | 0
0
1
6
2 | 0
0
1
6
3 | 0
0
1
6
4 | 0
0
1
6
5 | 0
0
1
6
6 | 0
0
1
6
7 | 0
0
1
6
8 | 0
0
1
7
0 | 0
0
1
7
1 | 0
0
1
7
2 | 0
0
1
7
3 | 0
0
1
7
4 | 0
0
1
7
5 | 0
0
1
7
6 | 0
0
1
7
7 | 0
0
1
7
8 | 0
0
1
7
9 | | | |
| | | | | |
| Trachea | | | + | + | + | + | | | + | + | | + | + | + | + | + | + | + | + | | + | + | + | + | + | | |
| SPECIAL SENSES SYSTEM | | | | |
| Eye | | | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | | + | + | + | + | + | | |
| Cataract | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | |
| Inflammation, Acute | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| Retina, Degeneration | | | | | | | | | | 4 | | | 1 | | | | | | | | | | | | | | |
| Harderian Gland | | | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | | + | + | + | + | + | | |
| Hyperplasia, Focal | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| Zymbal's Gland | | | | |
| URINARY SYSTEM | | | | |
| Kidney | | | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | | + | + | + | + | + | | |
| Inflammation, Chronic | | | | |
| Nephropathy | | | | 3 | 3 | 4 | 1 | | 3 | 1 | | 3 | 2 | 3 | 2 | 3 | | 3 | 3 | 3 | | 2 | 2 | 4 | 2 | 2 | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | |
| Renal Tubule, Dilatation | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | |
| Renal Tubule, Necrosis | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | |
| Renal Tubule, Pigmentation | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| Transitional Epithelium, Hyperplasia | | | | |
| Urinary Bladder | | | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | | + | + | + | + | + | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE | | DAY ON TEST | | | | | | | | | | | | | | | | |
|-----------------------|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|--|
| | | 0
5
4
3 | 0
5
3
5 | 0
6
5
2 | 0
7
3
0 | 0
0
1
5 | 0
7
3
0 | 0
7
2
9 | 0
7
3
0 | 0
0
1
5 | 0
7
3
1 | 0
6
5
5 | 0
7
2
3 | 0
0
1
5 | 0
5
3
5 | 0
6
2
5 | | |
| 1.0 MG/KG | | ANIMAL ID | | | | | | | | | | | | | | | | |
| | | 0
0
1
8
1 | 0
0
1
8
2 | 0
0
1
8
3 | 0
0
1
8
4 | 0
0
1
8
5 | 0
0
1
8
6 | 0
0
1
8
7 | 0
0
1
8
8 | 0
0
1
8
9 | 0
0
1
9
0 | 0
0
1
9
1 | 0
0
1
9
2 | 0
0
1
9
3 | 0
0
1
9
4 | 0
0
1
9
5 | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| * TOTALS | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|--|---|---|---|--|---|---|---|--|---|---|----|-------|
| Esophagus | + | + | M | + | | + | + | + | | + | + | + | | + | + | | 48 |
| Intestine Large, Cecum | + | + | + | + | | + | + | + | | + | + | + | | + | + | | 49 |
| Edema | 3 | | | | | | | | | | | | | | | | 3 2.7 |
| Inflammation, Suppurative | 3 | | | | | | | | | | | | | | | | 1 3.0 |
| Intestine Large, Colon | + | + | + | + | | + | + | + | | + | + | + | | + | + | | 49 |
| Intestine Large, Rectum | + | + | + | + | | + | + | + | | + | + | + | | + | + | | 50 |
| Edema | | | | | | | | | | | | | | | | 1 | 2.0 |
| Intestine Small, Duodenum | + | + | + | + | | + | + | + | | + | + | + | | + | + | | 50 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | 3 | 2.7 |
| Intestine Small, Ileum | + | + | + | + | | + | + | + | | + | + | + | | + | + | | 48 |
| Intestine Small, Jejunum | + | + | + | + | | + | + | + | | + | + | + | | + | + | | 48 |
| Ulcer | | | | | | | | | | | | | | | | 1 | 3.0 |
| Epithelium, Hyperplasia | 2 | | | | | | | | | | | | | | | 1 | 2.0 |
| Liver | + | + | + | + | | + | + | + | | + | + | + | | + | + | | 50 |
| Angiectasis | | | | | | | | | | | | | | | | 4 | 1.5 |
| Basophilic Focus | | | | X | | X | X | X | | X | X | X | | | X | 29 | |
| Clear Cell Focus | | | | X | | | X | | | X | | | | | | 14 | |
| Degeneration, Cystic | | | | | | | | | | | | | | | | 1 | 2.0 |
| Eosinophilic Focus | | | | | | X | | | | | X | | | X | | 6 | |
| Fibrosis, Focal | | | | | | | | | | 3 | | | | | | 1 | 3.0 |
| Hemorrhage | | | | | | | | | | | | | | | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

1.0 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | ANIMAL ID | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------|----------|
| | 0
5
4
3 | 0
5
3
5 | 0
6
5
2 | 0
7
3
0 | 0
0
1
5 | 0
7
3
0 | 0
7
2
9 | 0
7
3
0 | 0
0
1
5 | 0
7
3
1 | 0
6
5
5 | 0
7
2
3 | 0
0
1
5 | 0
5
3
5 | 0
6
1
5 | 0
5
6
2 | | |
| | 0
0
1
8
1 | 0
0
1
8
2 | 0
0
1
8
3 | 0
0
1
8
4 | 0
0
1
8
5 | 0
0
1
8
6 | 0
0
1
8
7 | 0
0
1
8
8 | 0
0
1
8
9 | 0
0
1
1
0 | 0
0
1
1
1 | 0
0
1
1
2 | 0
0
1
1
3 | 0
0
1
1
4 | 0
0
1
1
5 | 0
0
1
1
6 | | |
| | | | | | | | | | | | | | | | | | | * TOTALS |
| Hepatodiaphragmatic Nodule | | | X | | | | | | | | | | X | | | | | 6 |
| Infiltration Cellular, Mixed Cell | 3 | | | | | | | | | | | | | | | | | 5 1.6 |
| Mixed Cell Focus | | | | | | | | | | X | X | | | | X | | | 11 |
| Thrombosis | | | | | | | | | | | | | | | | | | 1 3.0 |
| Bile Duct, Hyperplasia | 1 | | 1 | | | 2 | 1 | 1 | | 3 | 1 | | | | | | | 21 1.4 |
| Centrilobular, Necrosis | | | | | | | | | | | | | | | | | | 4 2.0 |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | | | 2 | | | | 2 | | | | | | 12 2.6 |
| Mesentery | | | | + | | | + | | | | | | + | | | | | 16 |
| Accessory Spleen | | | | | | | | | | | | | | | | | | 1 |
| Fat, Necrosis | | | 3 | | | 2 | | | | | | 2 | | | | | | 11 3.0 |
| Oral Mucosa | | | + | | | | | | | | | | | | | | | 1 |
| Cyst | | | 4 | | | | | | | | | | | | | | | 1 4.0 |
| Pancreas | + | + | + | + | | + | + | + | | + | + | + | | + | + | | | 50 |
| Atrophy | 3 | | 1 | 1 | | 2 | | | | | | 1 | | | | | | 24 2.0 |
| Cyst | | | | 3 | | | | 3 | | | | 3 | | | | | | 6 3.0 |
| Acinus, Cytoplasmic Alteration | 3 | | 3 | | | | | | | | | | | | | | | 5 3.2 |
| Acinus, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | 1 2.0 |
| Salivary Glands | + | + | + | + | | + | + | + | | + | + | + | | + | + | | | 50 |
| Atrophy | | | 3 | | | | | 2 | | | | | | 2 | | | | 10 2.3 |
| Stomach, Forestomach | + | + | + | + | | + | + | + | | + | + | + | | + | + | | | 50 |
| Edema | | | | | | | | | | | | | | | | | | 3 3.7 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | 1 4.0 |
| Ulcer | 4 | | | | | | | | | | | | | | | | | 10 3.6 |
| Epithelium, Hyperplasia | | 3 | 1 | | | | | | | | | | | | | | | 10 2.9 |
| 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

1.0 MG/KG | | DAY ON TEST | | | | | | | | | | | | | | | |
|--|--|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | 0543 | 0535 | 0652 | 0730 | 0705 | 0730 | 0709 | 0730 | 0705 | 0731 | 0655 | 0733 | 0705 | 0535 | 0625 | |
| | | 001181 | 001182 | 001183 | 001184 | 001185 | 001186 | 001187 | 001188 | 001189 | 001190 | 001191 | 001192 | 001193 | 001194 | 001195 | |
| | | ANIMAL ID | | | | | | | | | | | | | | | |
| * TOTALS | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|
| Edema | 3 | | | | | | | | | | | | | | | | | 3 3.0 |
| Erosion | 3 | 2 | | | | | | | | | | | | | | | | 5 2.2 |
| Ulcer | | | | | | | | | | | | | | | | | | 3 2.3 |
| Glands, Hyperplasia | | | | | | | | | | | | | | | | | | 1 2.0 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|--|---|---|---|--|---|---|---|--|---|---|--|--|--------|
| Blood Vessel | | | | | | | | | | | | | | | | | | 1 |
| Heart | + | + | + | + | | + | + | + | | + | + | + | | + | + | | | 50 |
| Cardiomyopathy | 1 | | 1 | 2 | | 3 | 3 | 3 | | 3 | 3 | 1 | | 2 | 3 | | | 44 2.3 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|--|---|---|---|--|---|---|---|--|---|---|--|--|--------|
| Adrenal Cortex | + | + | + | + | | + | + | + | | + | + | + | | + | + | | | 50 |
| Accessory Adrenal Cortical Nodule | | | | 3 | | 3 | | 3 | | | | 3 | | | 3 | | | 18 3.0 |
| Atrophy | 3 | | | | | | | | | | | | | | | | | 1 3.0 |
| Degeneration, Fatty | | 3 | 3 | 2 | | | 1 | 2 | | | | 2 | | | 1 | | | 27 1.8 |
| Hyperplasia, Focal | | | | | | | | 2 | | | 1 | | | | | | | 4 1.3 |
| Hypertrophy, Focal | | | | | | 2 | 1 | | | | | | | | | | | 10 1.8 |
| Adrenal Medulla | + | + | + | + | | + | + | + | | + | + | + | | + | + | | | 50 |
| Hyperplasia | | | | 1 | | 2 | | 2 | | 2 | | 2 | | | | | | 20 1.8 |
| Islets, Pancreatic | + | + | + | + | | + | + | + | | + | + | + | | + | + | | | 50 |
| Hyperplasia | | | | | | | | | | | | | | | | | | 1 2.0 |
| Parathyroid Gland | + | + | + | + | | + | + | + | | + | + | + | | + | + | | | 45 |
| Pituitary Gland | M | + | + | + | | + | + | + | | + | + | + | | + | + | | | 49 |
| Pars Distalis, Angiectasis | | | | | | 3 | | | | | 3 | | | | | | | 8 2.9 |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

1.0 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | ANIMAL ID | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------|----------|
| | 0
5
4
3 | 0
5
3
5 | 0
6
5
2 | 0
7
3
0 | 0
0
1
5 | 0
7
3
0 | 0
7
2
9 | 0
7
3
0 | 0
0
1
5 | 0
7
3
1 | 0
6
5
5 | 0
7
2
3 | 0
0
1
5 | 0
5
2
3 | 0
0
1
5 | 0
6
3
5 | | |
| | 0
0
1
8
1 | 0
0
1
8
2 | 0
0
1
8
3 | 0
0
1
8
4 | 0
0
1
8
5 | 0
0
1
8
6 | 0
0
1
8
7 | 0
0
1
8
8 | 0
0
1
8
9 | 0
0
1
1
0 | 0
0
1
1
1 | 0
0
1
1
2 | 0
0
1
1
3 | 0
0
1
1
4 | 0
0
1
1
5 | 0
0
1
1
6 | | |
| | | | | | | | | | | | | | | | | | | * TOTALS |
| Pars Distalis, Cyst | | | | 3 | | | | | | 3 | | | | | | | | 5 3.0 |
| Pars Distalis, Hyperplasia | | | | 3 | | 3 | | | | 3 | | | | | | | | 7 2.7 |
| Pars Intermedia, Angiectasis | | | | | | | | | | | | | | | | | | 1 2.0 |
| Thyroid Gland | + | + | + | + | | + | + | + | | + | + | + | | + | + | | | 49 |
| C-cell, Hyperplasia | | | | | | | | 2 | | | | | | | | | | 5 1.6 |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | 2 3.0 |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | | 1 2.0 |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | |
| Tissue NOS | | | | | | | | | | | | | | | | | | 2 |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | |
| Epididymis | + | + | + | + | | + | + | + | | + | + | + | | + | + | | | 50 |
| Fibrosis | | 3 | | | | | | | | | | | | | | | | 1 3.0 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | 2 2.5 |
| Preputial Gland | + | + | + | + | | + | + | + | | + | + | + | | + | + | | | 50 |
| Cyst | | | | | | | | | | | | | | | | | | 1 3.0 |
| Hyperplasia | | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation, Chronic | | | | | | | | | | 3 | 2 | | | | | 3 | | 16 2.4 |
| Prostate | + | + | + | + | | + | + | + | | + | + | + | | + | + | | | 50 |
| Fibrosis | | | | | | | | | | | | | | | | | | 1 3.0 |
| Inflammation, Chronic | 2 | 2 | 3 | 1 | | 3 | | 1 | | | | 3 | | 3 | | | | 35 2.2 |
| Epithelium, Hyperplasia | | | | 1 | | | | | | | | | | | | | | 4 1.3 |
| Seminal Vesicle | + | + | + | + | | + | + | + | | + | + | + | | + | + | | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| | | | | | | | | | | | | | | | | | |
|-----------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|
| FISCHER 344 RATS MALE | DAY ON TEST | 0
5
4
3 | 0
5
3
5 | 0
6
5
2 | 0
7
3
0 | 0
0
1
5 | 0
7
2
9 | 0
7
3
0 | 0
0
1
5 | 0
7
3
1 | 0
6
5
5 | 0
7
2
3 | 0
0
1
5 | 0
5
3
5 | 0
6
1
2 | | |
| | 1.0 MG/KG | | | | | | | | | | | | | | | | |
| | ANIMAL ID | 0
0
1
8
1 | 0
0
1
8
2 | 0
0
1
8
3 | 0
0
1
8
4 | 0
0
1
8
5 | 0
0
1
8
6 | 0
0
1
8
7 | 0
0
1
8
8 | 0
0
1
8
9 | 0
0
1
9
0 | 0
0
1
9
1 | 0
0
1
9
2 | 0
0
1
9
3 | 0
0
1
9
4 | 0
0
1
9
5 | |
| | | | | | | | | | | | | | | | | | * TOTALS |

| | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|--|---|---|---|--|---|---|---|--|---|---|--|--------|
| Testes | + | + | + | + | | + | + | + | | + | + | + | | + | + | | 50 |
| Germinal Epithelium, Atrophy | 1 | 4 | | 4 | | 1 | | | | | | | | | | | 25 2.2 |
| Interstitial Cell, Hyperplasia | | | | | | | | | | | | | | | | | 2 1.5 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|--|---|---|---|--|---|---|---|--|---|---|---|-------|
| Bone Marrow | + | + | + | + | | + | + | + | | + | + | + | | + | + | | 49 |
| Angiectasis | | | | | | | | | | | | | | | | 3 | 1 3.0 |
| Depletion Cellular | 3 | | | | | | | | | | | | | | | | 1 3.0 |
| Hyperplasia | | | | | | | | | | 2 | | | | | 3 | | 6 2.7 |
| Necrosis | | | | | | | | | | | | | | | | | 1 4.0 |

| | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|--|--|--|---|---|--|--|--|--|--|--|--|--|--|-------|
| Lymph Node | + | + | | | | + | + | | | | | | | | | | 17 |
| Deep Cervical, Hemorrhage | | | | | | | | | | | | | | | | | 1 3.0 |
| Deep Cervical, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | 1 2.0 |
| Mediastinal, Ectasia | | | | | | | | | | | | | | | | | 4 3.0 |
| Mediastinal, Hemorrhage | | | | | | | | | | | | | | | | | 3 1.7 |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | 2 | | | | | | | | | | 4 2.5 |
| Pancreatic, Ectasia | | | | | | | | | | | | | | | | | 3 3.7 |
| Pancreatic, Hemorrhage | 2 | | | | | | | | | | | | | | | | 2 2.0 |
| Pancreatic, Hyperplasia, Lymphoid | 1 | | | | | | | | | | | | | | | | 3 2.3 |

| | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|--|---|---|---|--|---|---|---|--|---|---|--|---|
| Lymph Node, Mandibular | M | M | M | M | | M | M | M | | M | M | M | | M | M | | 0 |
|------------------------|---|---|---|---|--|---|---|---|--|---|---|---|--|---|---|--|---|

| | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|--|---|---|---|--|---|---|---|--|---|---|--|--------|
| Lymph Node, Mesenteric | + | + | + | + | | + | + | + | | + | + | + | | + | + | | 50 |
| Ectasia | | | | | | 3 | | | | 2 | | | | | | | 5 2.2 |
| Hemorrhage | 2 | | 2 | | | | | | | | | | | | | | 5 1.6 |
| Hyperplasia, Lymphoid | 2 | | | | | | 2 | | | 2 | 2 | | | | 2 | | 18 2.2 |

| | | | | | | | | | | | | | | | | | |
|--------|---|---|---|---|--|---|---|---|--|---|---|---|--|---|---|--|----|
| Spleen | + | + | + | + | | + | + | + | | + | + | + | | + | + | | 49 |
|--------|---|---|---|---|--|---|---|---|--|---|---|---|--|---|---|--|----|

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| | | | | | | | | | | | | | | | | | | |
|-----------------------|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|--|--|
| FISCHER 344 RATS MALE | DAY ON TEST | 0
5
4
3 | 0
5
3
5 | 0
6
5
2 | 0
7
3
0 | 0
0
1
5 | 0
7
2
9 | 0
7
3
0 | 0
0
1
5 | 0
7
3
1 | 0
6
5
5 | 0
7
2
3 | 0
0
1
5 | 0
5
3
5 | 0
6
2
5 | | | |
| | 1.0 MG/KG | 0
0
1
8
1 | 0
0
1
8
2 | 0
0
1
8
3 | 0
0
1
8
4 | 0
0
1
8
5 | 0
0
1
8
6 | 0
0
1
8
7 | 0
0
1
8
8 | 0
0
1
9
0 | 0
0
1
9
1 | 0
0
1
9
2 | 0
0
1
9
3 | 0
0
1
9
4 | 0
0
1
9
5 | | | |
| | ANIMAL ID | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|----------------------------------|---|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|
| Fibrosis | | | | | | | | | | | | | | | | | 2 3.0 |
| Hematopoietic Cell Proliferation | | | 4 | | | | | | | | | | | | | | 9 2.4 |
| Necrosis | | | | | | | | | | | | | | | | | 4 3.5 |
| Pigmentation | | | | | | | | | | | | | | | | | 1 3.0 |
| Lymphoid Follicle, Atrophy | 2 | | | | | | | | | | | | | | | | 2 2.0 |

| | | | | | | | | | | | | | | | | | |
|--------|---|---|---|---|--|---|---|---|--|---|---|---|--|---|---|--|----|
| Thymus | + | + | + | M | | + | + | + | | + | + | + | | + | + | | 49 |
|--------|---|---|---|---|--|---|---|---|--|---|---|---|--|---|---|--|----|

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|--|---|---|---|--|---|---|---|--|---|---|--|--------|
| Mammary Gland | + | + | + | + | | + | + | + | | + | + | + | | + | + | | 49 |
| Hyperplasia | | | 4 | 3 | | 2 | 2 | 2 | | 2 | | 3 | | 3 | | | 35 3.1 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | 2 3.0 |
| Skin | + | + | + | + | | + | + | + | | + | + | + | | + | + | | 50 |
| Cyst Epithelial Inclusion | | | | X | | | | | | | | | | | | | 3 |
| Ulcer | | | 4 | | | | | | | | | | | 4 | | | 10 4.0 |
| Control, Cyst Epithelial Inclusion | | | | | | | | | | X | | | | | | | 1 |
| Epidermis, Hyperplasia | | | | | | | | | | | | | | | | | 5 3.4 |
| Epidermis, Site Of Application, Hyperplasia | 1 | | | | | | | | | 1 | 1 | 1 | | | 1 | | 12 1.0 |
| Site Of Application, Hyperkeratosis | | 1 | 1 | | | 1 | 1 | | | 1 | 1 | 1 | | 1 | 1 | | 33 1.0 |
| Site Of Application, Inflammation, Chronic | | | | | | | | | | | | | | | | | 1 2.0 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|--|---|---|---|--|---|---|---|--|---|---|--|-------|
| Bone | + | + | + | + | | + | + | + | | + | + | + | | + | + | | 50 |
| Femur, Osteopetrosis | | | | | | | 3 | | | | | | | | | | 1 3.0 |
| Skeletal Muscle | | | | | | | | + | | | | | | | | | 3 |

NERVOUS SYSTEM

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

1.0 MG/KG | | DAY ON TEST | | | | | | | | | | | | | | | | | |
|--|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---|----|-----|
| | | 0
5
4
3 | 0
5
3
5 | 0
6
5
2 | 0
7
3
0 | 0
0
1
5 | 0
7
3
0 | 0
7
2
9 | 0
7
3
0 | 0
0
1
5 | 0
7
3
1 | 0
6
5
5 | 0
7
2
3 | 0
0
1
5 | 0
5
3
5 | 0
6
3
2 | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | ANIMAL ID | | | | | | | | | | | | | | | | | |
| | | 0
0
1
8
1 | 0
0
1
8
2 | 0
0
1
8
3 | 0
0
1
8
4 | 0
0
1
8
5 | 0
0
1
8
6 | 0
0
1
8
7 | 0
0
1
8
8 | 0
0
1
8
9 | 0
0
1
9
0 | 0
0
1
9
1 | 0
0
1
9
2 | 0
0
1
9
3 | 0
0
1
9
4 | 0
0
1
9
5 | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | * TOTALS | | | | | | | | | | | | | | | | | |
| Brain | | + | + | + | + | | | + | + | + | | + | + | + | | + | + | 50 | |
| Compression | | | | | 3 | | | | | 2 | | | | 3 | | 2 | | 26 | 2.9 |
| Hemorrhage | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Necrosis | | | 1 | | | | | | | | | | | | | | | 2 | 1.5 |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | 5 | |
| Spinal Cord | | | | | | | | | | | | | | | | | | 5 | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|--|---|---|---|--|---|---|---|--|---|---|---|----|--------|
| Lung | + | + | + | + | | + | + | + | | + | + | + | | + | + | | 50 | |
| Edema | 3 | | | | | | | | | | | | | | | | | 1 3.0 |
| Foreign Body | | | | | | | | | | | | | | | | | | 1 |
| Hemorrhage | | | | | | | | | | | | | | | | | | 1 2.0 |
| Infiltration Cellular, Histiocyte | 2 | | | | | | | 1 | | 2 | 1 | | | | | 1 | | 14 1.4 |
| Inflammation, Chronic | 2 | | | 1 | | | | 1 | | | | | | | | 1 | | 15 1.3 |
| Metaplasia, Osseous | | | | | | | | | | | | | | 1 | | | | 1 1.0 |
| Thrombosis | | | | | | | | | | | | | | | | | | 1 1.0 |
| Alveolar Epithelium, Hyperplasia | | | 2 | | | | 1 | | | | | | | | | | | 8 1.9 |
| Alveolar Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | 1 3.0 |
| Bronchiole, Hyperplasia | | | | | | | | | | | | | | | | | | 1 2.0 |
| Nose | + | + | + | + | | + | + | + | | + | + | + | | + | + | | 50 | |
| Foreign Body | X | | | X | | X | X | | | X | | X | | | | X | | 26 |
| Fungus | | | | | | X | | | | | | | | | | | | 6 |
| Inflammation, Chronic | 2 | | | 3 | | 3 | 1 | | | 2 | | 1 | | | | | | 23 1.8 |
| Respiratory Epithelium, Hyperplasia | 1 | | | 3 | | 2 | | | | 1 | | | | | | | | 14 1.8 |
| Respiratory Epithelium, Metaplasia, Squamous | 2 | | | | | | | | | | | | | | | | | 6 1.8 |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

1.0 MG/KG | | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|---|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | | 5 | 5 | 6 | 7 | 0 | 7 | 7 | 7 | 0 | 7 | 6 | 7 | 0 | 5 | 6 | |
| | | 4 | 3 | 5 | 3 | 1 | 3 | 2 | 3 | 1 | 3 | 5 | 2 | 1 | 3 | 6 | |
| | | ANIMAL ID | 3 | 5 | 2 | 0 | 5 | 0 | 9 | 0 | 5 | 1 | 5 | 3 | 5 | 5 | 2 |
| | | 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 | |
| | | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | | | * TOTALS |
| Trachea | | | + | + | + | + | | + | + | + | | + | + | + | | + | 50 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | |
| Eye | | | + | + | + | + | | + | + | + | | + | + | + | | + | 50 |
| Cataract | | | | | | | | | | | | | | | | | 2 2.0 |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | 1 2.0 |
| Inflammation, Acute | | | | | 2 | | | | | | | | | | | | 3 1.7 |
| Retina, Degeneration | | | | | | | | | | | | | | | | | 3 2.7 |
| Harderian Gland | | | + | + | + | + | | + | + | + | | + | + | + | | + | 50 |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | 1 1.0 |
| Zymbal's Gland | | | | | | | | | | | | | | | | | 1 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | |
| Kidney | | | + | + | + | + | | + | + | + | | + | + | + | | + | 50 |
| Inflammation, Chronic | | | 2 | | | | | | | | | | | | | | 1 2.0 |
| Nephropathy | | | 1 | 1 | 3 | 3 | | 1 | 3 | 1 | | 3 | | 3 | | 2 | 47 2.3 |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | 2 | | | | | | | | | 2 2.5 |
| Renal Tubule, Dilatation | | | | | | | | | | | | | | | | | 2 2.0 |
| Renal Tubule, Necrosis | | | 1 | | | | | | | | | | | | | | 2 2.0 |
| Renal Tubule, Pigmentation | | | | | | | | | | | | | | | | | 1 2.0 |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | 1 2.0 |
| Urinary Bladder | | | + | + | + | + | | + | + | + | | + | + | + | | + | 50 |

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | males
(cont...) | | | | |
|-----------------------|--|-------------|-----------|-----------|------------|-----------|------------|------------|-----------|------------|------------|------------|------------|-----------|------------|------------|------------|------------|------------|------------|-----------|--------------------|-----------|-----------|------------|-----------|
| | | 0730
360 | 0366
6 | 0731
1 | 0539
61 | 0366
9 | 0729
30 | 0730
18 | 0538
0 | 0730
39 | 0660
00 | 0668
26 | 0366
86 | 0735
5 | 0737
73 | 0731
23 | 0734
14 | 0673
63 | 0720
79 | 0729
05 | 0454
4 | | 0451
1 | 0729
9 | 0528
82 | 0722
9 |
| 3.0 MG/KG | | ANIMAL ID | | | | | | | | | | | | | | | | | | | | males
(cont...) | | | | |
| | | 00196 | 00197 | 00198 | 00199 | 00200 | 00201 | 00202 | 00203 | 00204 | 00205 | 00206 | 00207 | 00208 | 00209 | 00210 | 00211 | 00212 | 00213 | 00214 | 00215 | | 00216 | 00217 | 00218 | 00219 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|---|---|--|---|---|---|---|---|---|--|---|---|---|---|---|---|--|---|--|---|---|---|---|
| Esophagus | + | | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | | + | | + | + | + | + |
| Intestine Large, Cecum Edema | + | | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | | + | | + | + | + | + |
| Intestine Large, Colon | + | | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | | + | | + | + | + | + |
| Intestine Large, Rectum | + | | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | | + | | + | + | + | + |
| Intestine Small, Duodenum Epithelium, Hyperplasia | + | | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | | + | | + | + | + | + |
| Intestine Small, Ileum | + | | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | | M | | + | + | + | |
| Intestine Small, Jejunum | + | | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | | + | | + | + | + | |
| Liver | + | | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | | + | | + | + | + | |
| Basophilic Focus | X | | X | | | X | | | X | | | | | | X | X | | X | | | | X | | | |
| Clear Cell Focus | X | | X | | | | | | | | | | | X | X | X | | X | | | | | | | |
| Degeneration, Cystic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | X | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatodiaphragmatic Nodule | X | | X | | | X | | | | | | | | | | | | | | X | | X | | | |
| Infiltration Cellular, Mixed Cell | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | 1 | | | | | | | | | | | | | | | | | 2 | | |
| Mixed Cell Focus | X | | X | | | | X | | X | | | | | | | | | X | | | | | | | |
| Necrosis, Focal | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

3.0 MG/KG | DAY ON TEST | | | | |
|--|-----------------------|------------------|--------------------|--|--|
| | 0
7
3
0 | 0
3
6
6 | 0
7
3
1 | 0
5
9
1 | 0
3
6
6 | 0
7
2
9 | 0
7
3
0 | 0
5
1
8 | 0
7
3
0 | 0
6
9
0 | 0
6
2
6 | 0
3
6
8 | 0
7
1
5 | 0
7
7
3 | 0
7
7
1 | 0
7
7
3 | 0
7
7
4 | 0
6
7
3 | 0
7
2
9 | 0
0
1
5 | 0
4
5
4 | 0
0
9
1 | 0
7
2
9 | 0
5
8
2 | 0
7
2
9 | males
(cont...) | | |
| ANIMAL ID | 0
0
1
9
6 | 0
0
1
9
7 | 0
0
1
9
8 | 0
0
1
9
9 | 0
0
2
0
0 | 0
0
2
0
1 | 0
0
2
0
2 | 0
0
2
0
3 | 0
0
2
0
4 | 0
0
2
0
5 | 0
0
2
0
6 | 0
0
2
0
7 | 0
0
2
0
8 | 0
0
2
1
9 | 0
0
2
1
0 | 0
0
2
1
1 | 0
0
2
1
2 | 0
0
2
1
3 | 0
0
2
1
4 | 0
0
2
1
5 | 0
0
2
1
6 | 0
0
2
1
7 | 0
0
2
1
8 | 0
0
2
1
9 | | | | |
| Bile Duct, Hyperplasia | 1 | | 1 | 2 | | 2 | 1 | 1 | 1 | | 1 | | | 1 | | | | 1 | 1 | 2 | | | | 1 | 1 | | | |
| Centrilobular, Necrosis | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| Hepatocyte, Vacuolization | | | | 3 | | | | | | 4 | 2 | 3 | | 2 | | | | | | | | | | 3 | 4 | | | |
| Oval Cell, Hyperplasia | | 2 | | | | |
| Mesentery | | | | + | | | | | | + | + | | | | | | + | + | | | | | | | | | | |
| Accessory Spleen | | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| Oral Mucosa | | | | |
| Pancreas | + | | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | + | | + | | + | + | + | | | |
| Atrophy | | | | | | | | | 3 | 3 | 1 | | | | | | 2 | 2 | 2 | | | | | | 1 | | | |
| Cyst | | | | | 3 | | | | | | | | | | | | | | 3 | | | 3 | | | | | | |
| Acinus, Cytoplasmic Alteration | | | | | | | | | 3 | | | | | | | | | | | | | | | | 3 | | | |
| Acinus, Hyperplasia, Focal | 2 | | | | 1 | | | | |
| Salivary Glands | + | | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | + | | + | | + | + | + | | | |
| Atrophy | | | | | | | | | 3 | | | | | | | | | | | | | | | 2 | | | | |
| Stomach, Forestomach | + | | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | + | | + | | + | + | + | | | |
| Edema | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| Foreign Body | | | | |
| Inflammation, Chronic Active | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| Perforation | | | | |
| Ulcer | | | | 1 | | | | | | | | 4 | | | | | | | | | 3 | | | 4 | | | | |
| Epithelium, Hyperplasia | 1 | | 3 | | | | 1 | | 2 | 2 | 3 | | | | | | | | | | 3 | | | 3 | | | | |
| Stomach, Glandular | + | | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | + | | + | | + | + | + | | | |
| Erosion | | | | | | | | | 3 | | 2 | | | | | | | | 3 | | | | | | | | | |
| Ulcer | | | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

3.0 MG/KG | | DAY ON TEST | | males
(cont...) | |
|--|--|-------------|--------------------|--------|
| | | 073030 | 03661 | 07311 | 05916 | 03669 | 07290 | 07300 | 05888 | 07300 | 06606 | 06688 | 03666 | 07155 | 07733 | 07711 | 07734 | 06733 | 07299 | 00155 | 04544 | 00911 | 07299 | 05822 | 07299 | | |
| | | 001196 | 001197 | 001198 | 001199 | 002200 | 002201 | 002202 | 002203 | 002204 | 002205 | 002206 | 002207 | 002208 | 002209 | 002210 | 002211 | 002212 | 002213 | 002214 | 002215 | 002216 | 002217 | 002218 | 002219 | | 002220 |
| | | ANIMAL ID | | |
| Glands, Hyperplasia | | 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 | |

CARDIOVASCULAR SYSTEM

| | | | | | |
|-----------------------|---|---|---|--|---|
| Heart | + | + | + | | + | + | + | + | + | + | | + | + | + | + | + | | + | | + | + | + | + | |
| Cardiomyopathy | 1 | | 3 | | | 3 | 3 | 2 | 3 | 2 | 3 | | | 2 | 2 | | 3 | 2 | 3 | | | 3 | 3 | 3 |
| Inflammation, Chronic | | | | | |
| Mineralization | | | | | |
| Thrombosis | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Accessory Adrenal Cortical Nodule | 3 | | | | | 3 | 3 | | 3 | | 3 | | | 3 | | | 3 | | | | | | 3 | |
| Atrophy | | | | | | 4 | | | | | | | | | | | | | | | | | | |
| Degeneration, Fatty | 1 | | | 3 | | 1 | 2 | | | 3 | 2 | 2 | | 3 | 4 | | 2 | | 1 | | | 3 | 2 | 2 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Diffuse | | | | | | | | | | | | | | | 3 | | | | | | | | | |
| Hypertrophy, Focal | | | | | | | 2 | | | | | | | 2 | | | | | | | | 3 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Medulla | + | | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | 1 | | | 2 | | 2 | 1 | | | | 3 | | | | | | | | | | | 2 | 1 | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland | + | | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | + | | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Pars Distalis, Angiectasis | | | | | | | | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE
3.0 MG/KG | | DAY ON TEST | 0730 | 0366 | 0731 | 0591 | 0366 | 0729 | 0730 | 0581 | 0730 | 0660 | 0663 | 0668 | 0365 | 0731 | 0733 | 0731 | 0774 | 0673 | 0729 | 0015 | 0454 | 0091 | 0729 | 0582 | 0729 | 0572 | 0729 | males
(cont...) |
|------------------------------------|--|-------------|--------------------|
| | | ANIMAL ID | 00196 | 00197 | 00198 | 00199 | 00200 | 00201 | 00202 | 00203 | 00204 | 00205 | 00206 | 00207 | 00208 | 00209 | 00210 | 00211 | 00212 | 00213 | 00214 | 00215 | 00216 | 00217 | 00218 | 00219 | 00220 | 00221 | 00222 | |
| Pars Distalis, Cyst | | | | | | | | | | 3 | |
| Pars Distalis, Hyperplasia | | | | | 2 | | | | | 3 | | | | | | | | | | 2 | | | | | | | | | | |
| Pars Distalis, Hypertrophy, Focal | | | | 2 | | | | | | | | | | | | 2 | | | 2 | | 3 | | | | | | | | | |
| Pars Intermedia, Angiectasis | | | |
| Pars Intermedia, Cyst | | | |
| Thyroid Gland | | | + | | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | | + | | + | + | + | + | | | |
| C-cell, Hyperplasia | | | | | | | 1 | |
| Follicle, Cyst | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|--|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis | + | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | | + | + | + | + |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | |
| Granuloma Sperm | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | 2 | | | | | | | 2 | | 2 | | | 2 | | | | | | | | | 2 |
| Preputial Gland | + | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | | + | + | + | + |
| Hyperplasia | | | | | | | | 2 | | | | | | | | | | | | | | |
| Inflammation, Chronic | | 2 | | | 2 | | | 2 | | | | 2 | | 2 | | | 2 | | | | 2 | 2 |
| Prostate | + | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | | + | + | + | + |
| Inflammation, Chronic | 2 | 2 | 2 | | 1 | 3 | 2 | | 3 | 3 | | 2 | | 2 | 2 | 2 | 1 | | 3 | | 2 | 2 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | 1 | | | | | | | | 1 |
| Seminal Vesicle | + | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | | + | + | + | + |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

3.0 MG/KG | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | males
(cont...) | | | | |
|--|--|-------------|--------------------|-----------|-----------|-----------|-----------|
| | | 0730
06 | 0366
1 | 0731
1 | 0539
6 | 0366
9 | 0729
0 | 0730
8 | 0538
0 | 0730
1 | 0660
0 | 0668
6 | 0366
8 | 0735
6 | 0773
5 | 0771
3 | 0773
1 | 0774
4 | 0673
3 | 0729
9 | 0015
5 | | 0454
4 | 0091
1 | 0729
9 | 0582
2 |
| ANIMAL ID | | 00196 | 00197 | 00198 | 00199 | 00200 | 00201 | 00202 | 00203 | 00204 | 00205 | 00206 | 00207 | 00208 | 00209 | 00210 | 00211 | 00212 | 00213 | 00214 | 00215 | 00216 | 00217 | 00218 | 00219 | 00220 |
| | | 11996 | 11997 | 11998 | 11999 | 12000 | 12001 | 12002 | 12003 | 12004 | 12005 | 12006 | 12007 | 12008 | 12009 | 12010 | 12011 | 12012 | 12013 | 12014 | 12015 | 12016 | 12017 | 12018 | 12019 | 12020 |

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

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|--|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|--|---|---|---|---|
| Bone Marrow
Hyperplasia | + | | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | | + | | + | + | + | |
| | | | | | | | | | | | | | | | 3 | | | | | | | | 2 | | |
| Lymph Node
Ectasia | | | + | | | + | | + | + | + | + | | | | | | | + | | | | | | | |
| Deep Cervical, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Ectasia | | | | | | | | | | | | 4 | | | | | | | | | | | | | |
| Mediastinal, Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Pancreatic, Ectasia | | | | | | | | | | | | | | | | | | 4 | | | | | | | |
| Lymph Node, Mandibular | M | | M | M | | M | M | M | M | M | + | | M | M | M | M | M | M | | M | | M | M | M | |
| Lymph Node, Mesenteric | + | | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | | + | | + | + | + | |
| Angiectasis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ectasia | | | | | | 2 | | | | | | | | | 1 | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | 2 | | 2 | | | 3 | | | | 2 | | | | | | | 2 | 3 | | | | | 3 | | |
| Spleen | + | | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | | + | | + | + | + | |
| Accessory Spleen | | | | | | | | | | | | | X | | | | | | | | | | | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | 2 | | 2 | | | | | | 2 | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | 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

TDMS No. 88133 - 07
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Trimethylolpropane triacrylate

CAS Number: 15625-89-5

Date Report Requested: 03/31/2010

Time Report Requested: 13:41:41

First Dose M/F: 01/18/05 / 01/18/05

Lab: SRI

[illegible]

Pigmentation

Lymphoid Follicle, Atrophy

3

Thymus

$$+ \quad + \quad + \quad + \quad + \quad + \quad + \quad + \quad + \quad + \quad M \quad + \quad + \quad M \quad + \quad + \quad +$$

INTEGUMENTARY SYSTEM

Mammary Gland

Hyperplasia

Skin

Hyperkeratosis

Inflammation, Chronic

Ulcer

Epidermis, Hyperplasia

Epidermis, Site Of Application, Hyperplasia

Site Of Application, Hyperkeratosis

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|--|---|---|---|---|---|
| + | | + | + | | | + | + | + | + | + | + | | | + | + | + | + | + | + | | + | | | + | + | + | + |
| | | | 4 | | | | | | 4 | | | | | | | | 4 | | | | | | | 4 | | | 4 |
| | | | | | | | | | | | | | | | | | 4 | | | | | | | | 3 | | 4 |
| 1 | | 1 | 1 | | | 1 | | 1 | 1 | 2 | | | | | | 1 | | 1 | | | | | | | | | 1 |
| 1 | | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | 1 | 1 | 1 | 1 | 1 |

MUSCULOSKELETAL SYSTEM

Bone

Fibrous Osteodystrophy

Fracture

Skeletal Muscle

NERVOUS SYSTEM

Brain

Compression

Hemorrhage

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|---|--|--|--|--|--|--|--|--|--|--|--|
| Necrosis | 3 | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Peripheral Nerve | | | | | | | | | | | | | | | + | | M | | | | | | | | | | | |
| Spinal Cord | | | | | | | | | | | | | | | + | | + | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | |
|--|---|--|
| Lung | + | |
| Hemorrhage | 2 | |
| Infiltration Cellular, Histiocyte | 1 2 1 |
| Inflammation, Chronic | 1 |
| Metaplasia, Osseous | 1 |
| Pigmentation, Hemosiderin | 1 |
| Alveolar Epithelium, Hyperplasia | 1 |
| Nose | + | |
| Foreign Body | X | |
| Fungus | 1 |
| Inflammation, Chronic | 1 |
| Respiratory Epithelium, Hyperplasia | 1 |
| Respiratory Epithelium, Metaplasia, Squamous | 1 |
| Trachea | + | |

SPECIAL SENSES SYSTEM

| | | |
|----------------------|---|--|
| Eye | + | |
| Cataract | 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 | |
| Retina, Degeneration | 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

3.0 MG/KG | DAY ON TEST | 0730 | 0366 | 0731 | 0539 | 0366 | 0729 | 0730 | 0538 | 0730 | 0660 | 0668 | 0366 | 0735 | 0737 | 0731 | 0734 | 0673 | 0729 | 0045 | 0409 | 0722 | 0598 | 0728 | 0572 | 0729 | males
(cont...) |
|--|-------------|--------------------|
| | ANIMAL ID | 00196 | 00197 | 00198 | 00199 | 00200 | 00201 | 00202 | 00203 | 00204 | 00205 | 00206 | 00207 | 00208 | 00209 | 00210 | 00211 | 00212 | 00213 | 00214 | 00215 | 00216 | 00217 | 00218 | 00219 | 00220 | |
| | | |
| Harderian Gland | | + | | + | + | | + | + | + | + | + | + | | + | + | + | + | + | + | | + | | + | + | + | | |
| Zymbal's Gland | | |

URINARY SYSTEM

| Kidney | + | | + | + | | + | + | + | + | + | + | | + | + | + | + | + | | + | | + | + | + | + | males
(cont...) | |
|----------------------------|---|--|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|---|---|--------------------|--|
| Hydronephrosis | | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | |
| Nephropathy | 1 | | 2 | 2 | | | 3 | 1 | 3 | 2 | 3 | 1 | | 1 | 4 | 3 | 1 | 1 | 2 | | | 3 | 1 | 3 | males
(cont...) | |
| Papilla, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | |
| Renal Tubule, Necrosis | | | | | | | | | | 4 | | | | | | | | | | | | | | | males
(cont...) | |
| Renal Tubule, Pigmentation | | | | | | | | | | | 3 | | | | | | | | | | | | | | males
(cont...) | |
| Urethra | | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | |
| Urinary Bladder | + | | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | + | | + | | + | + | males
(cont...) | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| | | |
|--|-------------|--------------------|
| FISCHER 344 RATS MALE

3.0 MG/KG | DAY ON TEST | 0730 | 0693 | 0157 | 0662 | 0729 | 0588 | 0015 | 0366 | 0721 | 0071 | 0665 | 0664 | 0667 | 0061 | 0675 | 0679 | 0061 | 0075 | 0332 | 0730 | 0733 | 0729 | 0091 | 0669 | 0666 | 0669 | males
(cont...) |
| | ANIMAL ID | 0022 | |
| | | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|--|---|--|---|---|---|---|--|---|---|--|--|---|---|---|---|--|---|
| Esophagus | + | + | + | + | + | + | | + | | + | + | + | + | | + | + | | | + | + | + | + | | + |
| Intestine Large, Cecum
Edema | + | + | + | + | + | + | | + | | + | + | + | + | | + | + | | | + | + | + | + | | + |
| Intestine Large, Colon | + | + | + | + | + | + | | + | | + | + | + | + | | + | + | | | + | + | + | + | | + |
| Intestine Large, Rectum | + | + | + | + | + | + | | + | | + | + | + | + | | + | + | | | + | + | + | + | | + |
| Intestine Small, Duodenum
Epithelium, Hyperplasia | + | + | | + | + | + | | + | | + | + | + | + | | + | + | | | + | + | + | + | | + |
| | | | | 2 | | | | | | | | | | | | | | | | | | | | 3 |
| Intestine Small, Ileum | + | + | + | + | + | M | | + | | + | + | + | + | | + | + | | | + | + | + | + | | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | | + | | + | A | + | + | | + | + | | | + | + | + | + | | + |
| Liver | + | + | + | + | + | + | | + | | + | + | + | + | | + | + | | | + | + | + | + | | + |
| Basophilic Focus | X | | | | X | | | | | | X | X | | | | X | | | | X | X | X | | |
| Clear Cell Focus | X | | | | X | | | | | | | | | | | X | | | | | X | X | | |
| Degeneration, Cystic | | | | | | | | | | | | | | | 1 | | | | | | | | | |
| Eosinophilic Focus | X | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | 1 | | | | | | | | | | | 3 | | | | | | | | | | | |
| Hepatodiaphragmatic Nodule | | | | | | | | | | X | | | | | | | | | X | | | X | | |
| Infiltration Cellular, Mixed Cell | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | X | | | | X | | | | | | | | | | | | | | | X | | X | | |
| Necrosis, Focal | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

3.0 MG/KG | DAY ON TEST | | |
|--|-----------------------|--|
| | 0
7
3
0 | 0
6
9
3 | 0
1
5
7 | 0
6
6
2 | 0
7
2
9 | 0
5
8
8 | 0
0
1
5 | 0
3
6
6 | 0
7
2
1 | 0
0
7
1 | 0
6
5
2 | 0
6
4
6 | 0
6
7
4 | 0
0
1
5 | 0
6
1
7 | 0
7
2
9 | 0
0
1
5 | 0
0
3
1 | 0
3
9
2 | 0
7
3
0 | 0
7
3
0 | 0
7
2
9 | 0
0
1
5 | 0
0
3
2 | 0
7
3
0 | 0
7
2
9 | 0
0
1
5 | |
| ANIMAL ID | 0
0
2
2
1 | 0
0
2
2
2 | 0
0
2
2
3 | 0
0
2
2
4 | 0
0
2
2
5 | 0
0
2
2
6 | 0
0
2
2
7 | 0
0
2
2
8 | 0
0
2
2
9 | 0
0
2
2
0 | 0
0
2
2
1 | 0
0
2
2
2 | 0
0
2
2
3 | 0
0
2
2
4 | 0
0
2
2
5 | 0
0
2
2
6 | 0
0
2
2
7 | 0
0
2
2
8 | 0
0
2
2
9 | 0
0
2
2
0 | 0
0
2
2
1 | 0
0
2
2
2 | 0
0
2
2
3 | 0
0
2
2
4 | 0
0
2
2
5 | 0
0
2
2
6 | 0
0
2
2
7 | |
| | males
(cont...) | | |
| Bile Duct, Hyperplasia | | | | | 1 | | | | 1 | | 1 | | | | 2 | 1 | | | | 1 | | 1 | | | | 1 | | |
| Centrilobular, Necrosis | | 3 | |
| Hepatocyte, Vacuolization | | | | 4 | 2 | 2 | | | | | 2 | | 2 | | | | | | | | | 3 | | | | 4 | | |
| Oval Cell, Hyperplasia | | |
| Mesentery | | | | | + | + | | | + | | | + | + | | + | | | | | + | | | | | | | | |
| Accessory Spleen | X | | | | | | | | |
| Fat, Necrosis | | | | 1 | 3 | | | 3 | | | 4 | | | 4 | | | | | | 2 | | | | | | | | |
| Oral Mucosa | | | | | | | | | | | | | | | | | | | + | | | | | | | | | |
| Pancreas | + | + | + | + | + | + | | + | | + | + | + | + | | + | + | | | + | + | + | + | | | | + | | |
| Atrophy | 1 | 2 | | 2 | | | | | | 1 | | 1 | | | | | | | | | 4 | 1 | | | | 2 | | |
| Cyst | | | | | | | | | | | 3 | | | | | | | | 3 | | 3 | | | | | | | |
| Acinus, Cytoplasmic Alteration | | | | 3 | | 3 | | |
| Acinus, Hyperplasia, Focal | | 3 | | | | | | | | | | | | | | | | | 3 | | | | | | | | | |
| Salivary Glands | + | + | + | + | + | + | | + | | + | + | + | + | | + | + | | | + | + | + | + | | | | + | | |
| Atrophy | | | | 3 | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | + | + | + | + | + | + | | + | | + | + | + | + | | + | + | | | + | + | + | + | | | | + | | |
| Edema | |
| Foreign Body | |
| Inflammation, Chronic Active | | |
| Perforation | | | | X | | X | | |
| Ulcer | | | | | | | | 3 | |
| Epithelium, Hyperplasia | | | | 4 | | 2 | | | | | | | | | | | | | | 1 | | | | | | 4 | | |
| Stomach, Glandular | + | + | + | + | + | + | | + | | + | + | + | + | | + | + | | | + | + | + | + | | | | + | | |
| Erosion | | | | 2 | | 3 | | |
| Ulcer | | | | | | | | 3 | |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

3.0 MG/KG | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | males
(cont...) | | | | |
|--|--|-------------|--------------------|-----------|-----------|-----------|-----------|
| | | 0730
0 | 0633
3 | 0157
7 | 0662
2 | 0729
9 | 0588
8 | 0015
5 | 0366
6 | 0722
2 | 0011
1 | 0711
1 | 0662
2 | 0664
6 | 0674
4 | 0015
5 | 0617
7 | 0611
2 | 0729
5 | 0001
1 | 0332
2 | | 0733
0 | 0733
3 | 0729
9 | 0011
1 |
| ANIMAL ID | | 00221 | 00222 | 00223 | 00224 | 00225 | 00226 | 00227 | 00228 | 00229 | 00230 | 00231 | 00232 | 00233 | 00234 | 00235 | 00236 | 00237 | 00238 | 00239 | 00240 | 00241 | 00242 | 00243 | 00244 | 00245 |
| | | 2 | 2 | 2 | 2 | 2 | 2 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |

males
(cont...)

Glands, Hyperplasia

2

CARDIOVASCULAR SYSTEM

Heart
 Cardiomyopathy
 Inflammation, Chronic
 Mineralization
 Thrombosis

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|--|---|---|---|---|---|--|---|---|--|---|---|---|---|---|
| + | + | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | + |
| 3 | 2 | | 3 | 3 | 1 | | 4 | 3 | 1 | 2 | 2 | | 3 | 3 | | | 3 | 3 | 2 | 2 |
| | | | | | | | 3 | | | | | | 1 | | | | | | | |
| | 3 | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

Adrenal Cortex
 Accessory Adrenal Cortical Nodule
 Atrophy
 Degeneration, Fatty
 Hematopoietic Cell Proliferation
 Hyperplasia, Focal
 Hyperplasia, Diffuse
 Hypertrophy, Focal

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|--|---|---|---|---|---|--|---|---|--|---|---|---|---|---|
| + | + | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | + |
| | 3 | | | 3 | | | | 3 | 3 | | | | 3 | | | 3 | 3 | 3 | 3 | 3 |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | 4 | | | | | | | | | 2 | | | | | | 1 | 2 |
| | | | | | | | | | | | 2 | | | | | | | | | |
| | | | | | | | | | | 2 | | | | | | | | | | |
| | | | | 3 | | | | | | | | | | | | | | | | |

Adrenal Medulla
 Hyperplasia

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|--|---|---|---|---|---|--|---|---|--|---|---|---|---|---|
| + | + | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | + |
| 1 | | | 1 | | | | | 1 | | | | | 1 | | | | | | | |

Islets, Pancreatic
 Hyperplasia

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|--|---|---|---|---|---|--|---|---|--|---|---|---|---|---|
| + | + | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | + |
| | | | | | | | | | | | | | | | | | | | | |

Parathyroid Gland

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

Pituitary Gland
 Pars Distalis, Angiectasis

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

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE
3.0 MG/KG | | DAY ON TEST | 0
7
3
0 | 0
6
9
3 | 0
1
5
7 | 0
6
6
2 | 0
7
2
9 | 0
5
8
8 | 0
0
1
5 | 0
3
6
6 | 0
7
2
2 | 0
0
1
1 | 0
7
1
2 | 0
6
4
6 | 0
6
7
4 | 0
0
1
5 | 0
6
1
7 | 0
7
2
9 | 0
0
1
5 | 0
0
3
2 | 0
7
3
0 | 0
7
3
0 | 0
7
2
9 | 0
0
1
1 | 0
6
9
6 | males
(cont...) | |
|------------------------------------|--|-------------|--------------------|--|
| | | ANIMAL ID | 0
0
2
2
1 | 0
0
2
2
2 | 0
0
2
2
2 | 0
0
2
2
2 | 0
0
2
2
2 | 0
0
2
2
2 | 0
0
2
2
2 | 0
0
2
2
2 | 0
0
2
2
3 | 0
0
2
2
3 | 0
0
2
2
3 | 0
0
2
2
3 | 0
0
2
2
3 | 0
0
2
2
3 | 0
0
2
2
3 | 0
0
2
2
3 | 0
0
2
2
4 | 0
0
2
2
4 | 0
0
2
2
4 | 0
0
2
2
4 | 0
0
2
2
4 | 0
0
2
2
4 | 0
0
2
2
5 | | |
| Pars Distalis, Cyst | | | | |
| Pars Distalis, Hyperplasia | | | | 2 | | | | | | | | | | 3 | | | | | | | | 2 | 2 | | | | |
| Pars Distalis, Hypertrophy, Focal | | 2 | 2 | | |
| Pars Intermedia, Angiectasis | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | |
| Pars Intermedia, Cyst | | | | |
| Thyroid Gland | | + | + | + | + | + | + | | + | | + | + | + | + | | + | + | | | + | + | + | + | | + | | |
| C-cell, Hyperplasia | | 1 | | | | 1 | | | | | | | | 1 | | | 2 | | | | | | | | | | |
| Follicle, Cyst | | | 3 | | | | | | | | | | | | | | | | | | 3 | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|--|--|---|--|---|---|---|---|--|---|---|--|--|---|---|---|---|--|---|--|
| Epididymis | + | + | + | + | + | + | | | + | | + | + | + | + | | + | + | | | + | + | + | + | | + | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Granuloma Sperm | | | | | | 2 | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Preputial Gland | + | + | + | + | + | + | | | + | | + | + | + | + | | + | + | | | + | + | + | + | | + | |
| Hyperplasia | | | | | | | | | | | 2 | | | | | | | | | | | 2 | | | | |
| Inflammation, Chronic | | 2 | | | | | | | | | 2 | | 2 | | | 2 | | | | | | 3 | | | | |
| Prostate | + | + | + | + | + | + | | | + | | + | + | + | + | | + | + | | | + | + | + | + | | + | |
| Inflammation, Chronic | 3 | 2 | | 4 | | 2 | | | 2 | | 3 | 2 | 3 | | | 4 | 1 | | | | 1 | 1 | | | 2 | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | 1 | | | | | | | | 1 | | 1 | | | |
| Seminal Vesicle | + | + | + | + | + | + | | | + | | + | + | + | + | | + | + | | | + | + | + | + | | + | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

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

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

HEMATOPOIETIC SYSTEM

| | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|--|---|
| Bone Marrow | + | + | + | + | + | + | | + |
| Hyperplasia | | 3 | | | | | | 2 | | | | | 3 | | | | | | | | | | | | | | |
| Lymph Node | | + | + | | | | | | + | | | | | + | + | | | | + | | | | | | | | |
| Ectasia | | | | | | | | |
| Deep Cervical, Hyperplasia, Lymphoid | | | | | | | | |
| Mediastinal, Ectasia | | | | | | | | |
| Mediastinal, Hemorrhage | | | | 4 | | | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | |
| Pancreatic, Ectasia | | | | | | | | |
| Lymph Node, Mandibular | M | M | M | M | M | M | | M | M | M | M | M | | M | M | | | M | M | M | M | | | | M | | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | | + | A | + | + | + | | + | + | | | + | + | + | + | | | | + | | |
| Angiectasis | | | | | | | | |
| Ectasia | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | |
| Hyperplasia, Lymphoid | 2 | | | | 2 | 2 | | | | | | 3 | 2 | | | | | | | | | | 2 | | | | |
| Spleen | + | + | + | + | + | + | | + | A | + | + | + | | + | + | | | + | + | + | + | | | | + | | |
| Accessory Spleen | | | | | | | | |
| Fibrosis | | | | | | | | |
| Hematopoietic Cell Proliferation | | | 3 | 2 | 2 | | | | | | | | 4 | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | males
(cont...) | | |
|-----------------------|--|-----------------------|--------------------|-----------------------|-----------------------|
| | | 0
7
3
0 | 0
6
9
3 | 0
1
5
7 | 0
6
6
2 | 0
7
2
9 | 0
5
8
8 | 0
0
1
5 | 0
3
6
6 | 0
7
2
1 | 0
0
9
1 | 0
7
1
1 | 0
6
5
4 | 0
6
6
7 | 0
0
1
5 | 0
6
1
7 | 0
7
2
9 | 0
0
1
5 | 0
0
3
2 | 0
7
3
0 | 0
7
3
0 | | 0
7
2
9 | 0
0
1
5 |
| 3.0 MG/KG | | ANIMAL ID | | | | | | | | | | | | | | | | | | | | males
(cont...) | | |
| | | 0
0
2
2
1 | 0
0
2
2
2 | 0
0
2
2
3 | 0
0
2
2
4 | 0
0
2
2
5 | 0
0
2
2
6 | 0
0
2
2
7 | 0
0
2
2
8 | 0
0
2
2
9 | 0
0
2
3
0 | 0
0
2
3
1 | 0
0
2
3
2 | 0
0
2
3
3 | 0
0
2
3
4 | 0
0
2
3
5 | 0
0
2
3
6 | 0
0
2
3
7 | 0
0
2
3
8 | 0
0
2
3
9 | 0
0
2
4
0 | | 0
0
2
4
1 | 0
0
2
4
2 |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Pigmentation | | | | | | | | | | | | | | | | | | | |
| Lymphoid Follicle, Atrophy | 3 | | | | | | | | | | 3 | | | | | | | | |
| Thymus | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | M | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|--|--|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|--|---|---|--|
| Mammary Gland | + | + | + | M | + | + | | | + | + | + | + | + | | + | + | | | + | + | + | + | | | + | | |
| Hyperplasia | 2 | | | | 3 | 3 | | | 3 | | 3 | | 4 | 2 | | 4 | | | | 2 | | 3 | | | 3 | | |
| Skin | + | + | + | + | + | + | | | + | | + | + | + | + | | + | + | | | + | + | + | + | | | + | |
| Hyperkeratosis | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| Epidermis, Hyperplasia | | | | | | | | | | | | 3 | 4 | | | | | | | | | | | | | | |
| Epidermis, Site Of Application, Hyperplasia | 1 | 1 | 1 | 1 | | | | | | | 1 | 1 | 1 | 1 | | 1 | | | | 1 | | | | | 1 | | |
| Site Of Application, Hyperkeratosis | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | | | 1 | 1 | 1 | 1 | | 1 | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|--|--|---|--|---|---|---|---|--|---|---|--|--|---|---|---|---|--|--|---|--|
| Bone | + | + | + | + | + | + | | | + | | + | + | + | + | | + | + | | | + | + | + | + | | | + | |
| Fibrous Osteodystrophy | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| Fracture | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | + | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|--|--|---|--|---|---|---|---|--|---|---|--|--|---|---|---|---|--|--|---|--|
| Brain | + | + | + | + | + | + | | | + | | + | + | + | + | | + | + | | | + | + | + | + | | | + | |
| Compression | | | | 3 | | 4 | | | | | 4 | | 3 | | | 3 | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | |

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

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

| | | |
|------------------|---|---|
| Necrosis | 3 | 1 |
| Peripheral Nerve | | + |
| Spinal Cord | | + |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|--|---|---|---|---|--|---|
| Lung | + | + | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | | + |
| Hemorrhage | | | | | 2 | | | | 2 | | | | | | | | | 2 | | | | |
| Infiltration Cellular, Histiocyte | | 1 | | | | | 2 | | | | | | | | | | | | | | | 1 |
| Inflammation, Chronic | 1 | 1 | | | | | | | | | | 1 | | | 1 | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | 1 | | | | | | | | | | 1 | | | | | | 2 | | | | |
| Nose | + | + | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | | + |
| Foreign Body | | X | | | X | | | | X | | X | | | | X | | | | | X | | |
| Fungus | | | | | | | | | | X | | | | | | | | | X | X | | |
| Inflammation, Chronic | | | | | 3 | | | | 1 | 4 | 1 | | | 1 | | | | | 3 | 3 | | |
| Respiratory Epithelium, Hyperplasia | | | | | 3 | | | | | 3 | 1 | | | 1 | | | | | 1 | 3 | | |
| Respiratory Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | 2 | 2 | | |
| Trachea | + | + | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | | + |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|--|---|---|---|---|---|--|---|---|--|---|---|---|---|--|---|
| Eye | + | + | + | + | + | + | | + | + | + | + | + | | + | + | | + | + | + | + | | + |
| Cataract | | 1 | | | | | | | | | | | | | | | | | | | | |
| Retina, Degeneration | | 3 | | | | | | | | | | | | | | | | | | | | |

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

3.0 MG/KG | DAY ON TEST | 0730 | 0693 | 0157 | 0662 | 0729 | 0588 | 0015 | 0366 | 0722 | 0011 | 0711 | 0662 | 0664 | 0674 | 0015 | 0667 | 0001 | 0032 | 0733 | 0733 | 0733 | 0729 | 0011 | 0069 | 0066 | 0069 | males
(cont...) |
|--|-------------|--------------------|
| | ANIMAL ID | 002221 | 000222 | 000222 | 000222 | 000222 | 000222 | 000222 | 000222 | 000223 | 000223 | 000223 | 000223 | 000223 | 000225 | 000227 | 000228 | 000228 | 000228 | 000228 | 000228 | 000228 | 000228 | 000228 | 000228 | 000228 | 000228 | |
| | | |
| Harderian Gland | | + | + | + | + | + | + | | | + | | + | + | + | + | | + | + | | | + | + | + | + | | + | | |
| Zymbal's Gland | | + | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|--|--|---|--|---|---|---|---|--|---|---|--|--|---|---|---|---|--|---|
| Kidney | + | + | + | + | + | + | | | + | | + | + | + | + | | + | + | | | + | + | + | + | | + |
| Hydronephrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nephropathy | 3 | 3 | | 4 | 3 | | | | 4 | | 1 | 2 | 3 | 2 | | 3 | 3 | | | 3 | 1 | 3 | | | 4 |
| Papilla, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Pigmentation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urethra | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | | | + | | + | + | + | + | | + | + | | | + | + | + | + | | + |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| | | | | | | | | | | | | | | | | |
|-----------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| FISCHER 344 RATS MALE | DAY ON TEST | 0731 | 0730 | 0366 | 0091 | 0730 | 0015 | 0731 | 0715 | 0669 | 0526 | 0768 | 0670 | 0738 | 0729 | |
| | ANIMAL ID | 00246 | 00247 | 00248 | 00249 | 00250 | 00251 | 00252 | 00253 | 00254 | 00255 | 00256 | 00257 | 00258 | 00259 | |
| 3.0 MG/KG | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | * TOTALS |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | |
|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|--|-------------|
| Esophagus | + | + | | + | + | + | + | + | + | + | + | + | + | + | | 50 |
| Intestine Large, Cecum Edema | + | + | | + | + | + | + | + | + | + | + | + | + | + | | 50
1 2.0 |
| Intestine Large, Colon | + | + | | + | + | + | + | + | + | + | + | + | + | + | | 50 |
| Intestine Large, Rectum | + | + | | + | + | + | + | + | + | + | + | + | + | + | | 50 |
| Intestine Small, Duodenum Epithelium, Hyperplasia | + | + | | + | + | + | + | + | + | + | + | + | + | + | | 50
3 2.3 |
| Intestine Small, Ileum | + | + | | + | + | + | + | + | + | + | + | + | + | + | | 48 |
| Intestine Small, Jejunum | + | + | | + | + | + | + | + | + | + | + | + | + | + | | 49 |
| Liver | + | + | | + | + | + | + | + | + | + | + | + | + | + | | 50 |
| Basophilic Focus | X | X | | | X | | | | X | X | X | X | | | | 23 |
| Clear Cell Focus | | X | | X | | | | | | | X | | | X | | 16 |
| Degeneration, Cystic | | | | 2 | | | | | | | | | 1 | | | 3 1.3 |
| Eosinophilic Focus | | X | | X | | | | | | | | | | | | 4 |
| Hematopoietic Cell Proliferation | | | | | | | | | 1 | | | | | | | 3 1.7 |
| Hepatodiaphragmatic Nodule | | X | | | | X | | | | | X | | | | | 11 |
| Infiltration Cellular, Mixed Cell | 1 | | | 1 | | | | | | | | | | 2 | | 4 1.3 |
| Inflammation, Suppurative | | | | | | | | 4 | | | | | | | | 1 4.0 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | 3 1.7 |
| Mixed Cell Focus | | | | | | X | | | | | | | | X | | 11 |
| Necrosis, Focal | | | | | | | | 4 | | | | | | | | 1 4.0 |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

3.0 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | ANIMAL ID | |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------|----------|
| | 0
7
3
1 | 0
7
3
0 | 0
3
6
6 | 0
0
9
1 | 0
7
3
0 | 0
0
1
5 | 0
7
3
1 | 0
7
1
5 | 0
6
6
9 | 0
5
2
6 | 0
7
3
0 | 0
6
7
8 | 0
7
3
0 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | | |
| | 0
0
2
4
6 | 0
0
2
4
7 | 0
0
2
4
8 | 0
0
2
4
9 | 0
0
2
5
0 | 0
0
2
5
1 | 0
0
2
5
2 | 0
0
2
5
3 | 0
0
2
5
4 | 0
0
2
5
5 | 0
0
2
5
6 | 0
0
2
5
7 | 0
0
2
5
8 | 0
0
2
5
9 | 0
0
2
5
9 | 0
0
2
5
0 | | |
| | | | | | | | | | | | | | | | | | | * TOTALS |
| Bile Duct, Hyperplasia | 1 | 1 | | | 1 | | 1 | 3 | | 1 | | | 1 | 2 | | | | 30 1.2 |
| Centrilobular, Necrosis | | | | | | | | | 2 | | | | | | | | | 3 2.0 |
| Hepatocyte, Vacuolization Cytoplasmic | 3 | 2 | | | | | | | | 4 | 3 | | | | 2 | | | 19 2.8 |
| Oval Cell, Hyperplasia | | | | | | | | | | | | | | | | | | 1 2.0 |
| Mesentery | | | | | | | + | + | | | | | + | + | | | | 16 |
| Accessory Spleen | | | | | | | | | | | | | | | | | | 1 |
| Fat, Necrosis | | | | | | | 2 | 2 | | | | | 3 | 2 | | | | 11 2.5 |
| Oral Mucosa | | | | | | | | | | | | | | | | | | 1 |
| Pancreas | + | + | | | + | | + | + | + | + | + | + | + | + | + | | | 50 |
| Atrophy | 4 | 1 | | | 3 | | | | | | | | | | 4 | | | 20 2.1 |
| Cyst | 3 | | | | | | | | | | | | | | | | | 8 3.0 |
| Acinus, Cytoplasmic Alteration | | | | | | | | | | | 4 | | | | | | | 5 3.2 |
| Acinus, Hyperplasia, Focal | | 2 | | | | | | | | | | | 2 | | | | | 6 2.2 |
| Salivary Glands | + | + | | | + | | + | + | + | + | + | + | + | + | + | | | 50 |
| Atrophy | | | | | | | | | | 2 | 2 | | | | | | | 6 2.3 |
| Stomach, Forestomach | + | + | | | + | | + | + | + | + | + | + | + | + | + | | | 50 |
| Edema | | | | | | | | | | | | | | | | | | 1 2.0 |
| Foreign Body | | | | | | | | | | | | X | | | | | | 1 |
| Inflammation, Chronic Active | | | | | | | | | | | | 2 | | | | | | 2 2.0 |
| Perforation | | | | | | | | | | | X | | | | | | | 3 |
| Ulcer | | | | | | | | | | | | | | | | | | 5 3.0 |
| Epithelium, Hyperplasia | | | | | | | | | | 4 | 3 | | | | | | | 14 2.6 |
| Stomach, Glandular | + | + | | | + | | + | + | + | + | + | + | + | + | + | | | 50 |
| Erosion | | | | | | | | | | 2 | 1 | | | | | | | 7 2.3 |
| Ulcer | | | | | | | | | | 2 | | | | | | | | 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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE | DAY ON TEST | | | | | | | | | | | | | | | | |
|-----------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|----------|
| | 0731 | 0730 | 0361 | 0090 | 0731 | 0095 | 0731 | 0669 | 0526 | 0760 | 0628 | 0730 | 0739 | 0720 | 0729 | | |
| 3.0 MG/KG | ANIMAL ID | | | | | | | | | | | | | | | | |
| | 00246 | 00047 | 00048 | 00049 | 00050 | 00051 | 00052 | 00053 | 00054 | 00055 | 00056 | 00057 | 00058 | 00059 | 00060 | | |
| | | | | | | | | | | | | | | | | | * TOTALS |
| Glands, Hyperplasia | | | | | | | | | | | | | | | | | 3 1.7 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|--|---|---|---|---|---|---|---|---|---|---|---|--|----|-----|
| Heart | + | + | | + | + | + | + | + | + | + | + | + | + | + | | 50 | |
| Cardiomyopathy | 3 | 3 | | 3 | 3 | 3 | 3 | | 2 | 3 | 3 | 2 | 3 | | | 43 | 2.6 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | 1 | 1.0 |
| Mineralization | | | | | | | | | | | | | | | | 1 | 3.0 |
| Thrombosis | | | | | | | 3 | | | | | | | | | 2 | 3.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|--|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Adrenal Cortex | + | + | | + | + | + | + | + | + | + | + | + | + | | 50 | |
| Accessory Adrenal Cortical Nodule | | 3 | | | 3 | | | 3 | | 3 | | 3 | | | 23 | 3.0 |
| Atrophy | | | | | | | | | | | | | | | 1 | 4.0 |
| Degeneration, Fatty | 1 | 1 | | | | | | 2 | | 1 | | | | | 22 | 2.0 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | 1 | 2.0 |
| Hyperplasia, Focal | | | | | | | | 1 | | | | 1 | | | 3 | 1.3 |
| Hyperplasia, Diffuse | | | | | | | | | | | | | | | 2 | 3.0 |
| Hypertrophy, Focal | 2 | | | | 1 | 1 | | | | | | | | 1 | 7 | 1.7 |
| Adrenal Medulla | + | + | | + | + | + | + | + | + | + | + | + | + | | 50 | |
| Hyperplasia | | | | | 2 | 1 | | 3 | 2 | 1 | 1 | 1 | | | 19 | 1.5 |
| Islets, Pancreatic | + | + | | + | + | + | + | + | + | + | + | + | + | | 50 | |
| Hyperplasia | | | | | | | | | | | | | | 3 | 1 | 3.0 |
| Parathyroid Gland | M | + | | + | + | + | + | + | + | + | + | + | + | | 47 | |
| Pituitary Gland | + | + | | + | + | + | + | + | + | + | + | + | + | | 50 | |
| Pars Distalis, Angiectasis | | | | | 2 | | | | | | 3 | | | | 6 | 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

TDMS No. 88133 - 07
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Trimethylolpropane triacrylate

CAS Number: 15625-89-5

Date Report Requested: 03/31/2010

Time Report Requested: 13:41:41

First Dose M/F: 01/18/05 / 01/18/05

Lab: SRI

[illegible]

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

[illegible]

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

+ .. Tissue examined microscopically

X .. Lesion present

1 .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

3.0 MG/KG | | DAY ON TEST | 0
7
3
1 | 0
7
3
0 | 0
3
6
6 | 0
0
9
1 | 0
7
3
0 | 0
0
1
5 | 0
7
3
1 | 0
7
1
5 | 0
6
6
9 | 0
5
2
6 | 0
7
3
0 | 0
6
7
8 | 0
7
3
0 | 0
7
2
9 | 0
7
2
9 | | |
|--|--|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----|-----|
| | | ANIMAL ID | 0
0
2
4
6 | 0
0
2
4
7 | 0
0
2
4
8 | 0
0
2
4
9 | 0
0
2
5
0 | 0
0
2
5
1 | 0
0
2
5
2 | 0
0
2
5
3 | 0
0
2
5
4 | 0
0
2
5
5 | 0
0
2
5
6 | 0
0
2
5
7 | 0
0
2
5
8 | 0
0
2
5
9 | 0
0
2
6
0 | | |
| | | * TOTALS | | | | | | | | | | | | | | | | | |
| Testes | | + | + | | | + | | + | + | + | + | + | + | + | + | + | + | 50 | |
| Germinal Epithelium, Atrophy | | 1 | 4 | | | 1 | | | 3 | | | 4 | | | | | | 23 | 2.7 |
| Interstitial Cell, Hyperplasia | | | 2 | | | | | | | | | | | | | 1 | | 6 | 1.3 |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | | + | + | | | + | | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hyperplasia | | | | | | | | | | | | 3 | | | | | | 6 | 2.7 |
| Lymph Node | | | | | | | | | + | + | + | + | | | | + | | 18 | |
| Ectasia | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Deep Cervical, Hyperplasia, Lymphoid | | | | | | | | | | | | 3 | | | | | | 1 | 3.0 |
| Mediastinal, Ectasia | | | | | | | | | | | 3 | | 2 | | | | | 5 | 3.2 |
| Mediastinal, Hemorrhage | | | | | | | | | | | | | 1 | | | | | 2 | 1.5 |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | 3 | | | 3 | | 5 | 2.4 |
| Pancreatic, Ectasia | | | | | | | | | 4 | | | | | | | | | 2 | 4.0 |
| Lymph Node, Mandibular | | M | M | | | M | | M | M | M | M | M | M | M | M | M | M | 1 | |
| Lymph Node, Mesenteric | | + | + | | | + | | + | + | + | + | + | + | + | + | + | + | 49 | |
| Angiectasis | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Ectasia | | | 2 | | | | | | | | | | | | 2 | | | 6 | 2.2 |
| Hemorrhage | | | | | | | | | | | | | | | | | | 3 | 1.7 |
| Hyperplasia, Lymphoid | | 2 | | | | 2 | | | | | 2 | | 2 | 2 | | | | 19 | 2.2 |
| Spleen | | + | + | | | + | | + | + | + | + | + | + | + | + | + | + | 49 | |
| Accessory Spleen | | | | | | | | | | | | | | | | | | 1 | |
| Fibrosis | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | 1 | 2 | | | | | | 9 | 2.2 |
| Necrosis | | | | | | | | | | | | | | | | | | 1 | 1.0 |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE

3.0 MG/KG | | DAY ON TEST | | | | | | | | | | | | | | | | ANIMAL ID | | | |
|--|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|-----------|--|--|--|
| | | 0731 | 0730 | 0366 | 0091 | 0730 | 0015 | 0731 | 0715 | 0669 | 0526 | 0730 | 0678 | 0730 | 0773 | 0729 | | | | | |
| | | 00246 | 00247 | 00248 | 00249 | 00250 | 00251 | 00252 | 00253 | 00254 | 00255 | 00256 | 00257 | 00258 | 00259 | 00260 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS MALE | | DAY ON TEST | | | | | | | | | | | | | | | | |
|-----------------------|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| | | 0731 | 0730 | 0736 | 0709 | 0703 | 0707 | 0713 | 0719 | 0726 | 0732 | 0738 | 0744 | 0750 | 0756 | 0802 | 0808 | |
| 3.0 MG/KG | | 00246 | 00247 | 00248 | 00249 | 00250 | 00251 | 00252 | 00253 | 00254 | 00255 | 00256 | 00257 | 00258 | 00259 | 00260 | | |
| | | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | |
| | | 00044 | 00044 | 00044 | 00044 | 00055 | 00055 | 00055 | 00055 | 00055 | 00055 | 00055 | 00055 | 00055 | 00055 | 00055 | 00066 | |
| | | 00067 | 00067 | 00068 | 00069 | 00070 | 00071 | 00072 | 00073 | 00074 | 00075 | 00076 | 00077 | 00078 | 00079 | 00080 | | |
| | | ANIMAL ID | | | | | | | | | | | | | | | | |
| | | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | | |
| | | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | | |
| | | 00044 | 00044 | 00044 | 00044 | 00055 | 00055 | 00055 | 00055 | 00055 | 00055 | 00055 | 00055 | 00055 | 00055 | 00055 | | |
| | | 00067 | 00067 | 00068 | 00069 | 00070 | 00071 | 00072 | 00073 | 00074 | 00075 | 00076 | 00077 | 00078 | 00079 | 00080 | | |
| | | * TOTALS | | | | | | | | | | | | | | | | |

Necrosis 4 2.3

Peripheral Nerve 2

Spinal Cord 3

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|--|---|---|---|---|---|---|---|---|---|---|---|--|--|--------|
| Lung | + | + | | + | + | + | + | + | + | + | + | + | + | | | | 50 |
| Hemorrhage | | | | | | | | | | | | | | | | | 4 2.0 |
| Infiltration Cellular, Histiocyte | | 1 | | | | | 1 | 1 | | 1 | 1 | | | 1 | | | 18 1.2 |
| Inflammation, Chronic | 1 | | | 1 | | 1 | | | | 3 | | | | | | | 10 1.2 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | 1 1.0 |
| Pigmentation, Hemosiderin | | | | | | | | | | | | | | | | | 1 3.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | 2 | | 1 | | 1 | | | | | 8 1.6 |

| | | | | | | | | | | | | | | | | | |
|--|---|---|--|---|---|---|---|---|---|---|---|---|---|--|--|--|--------|
| Nose | + | + | | + | + | + | + | + | + | + | + | + | + | | | | 50 |
| Foreign Body | X | X | | X | X | X | | X | X | X | | | | | | | 27 |
| Fungus | | | | | | | | | | | | | | | | | 3 |
| Inflammation, Chronic | 2 | | | 1 | | 3 | 1 | | | 1 | 2 | | | | | | 21 1.7 |
| Respiratory Epithelium, Hyperplasia | 1 | | | 1 | | 1 | 1 | | | | 2 | | | | | | 17 1.4 |
| Respiratory Epithelium, Metaplasia, Squamous | | | | | | 2 | | | | 1 | | | | | | | 4 1.8 |

Trachea 50

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | |
|----------------------|---|---|--|---|---|---|---|---|---|---|---|---|---|--|--|--|-------|
| Eye | + | + | | + | + | + | + | + | + | + | + | + | + | | | | 50 |
| Cataract | | | | | | | | | | | | | | | | | 3 2.0 |
| Retina, Degeneration | | | | | | | | | | | | | | | | | 3 3.0 |

* .. 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

Date Report Requested: 03/31/2010
Time Report Requested: 13:41:41
First Dose M/F: 01/18/05 / 01/18/05
Lab: SRI

*** END OF MALE DATA ***

1-4 .. Lesion qualified as:

| | |
|------------|-------------|
| 1) Minimal | 3) Moderate |
| 2) Mild | 4) Marked |

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE | | DAY ON TEST | | | | females
(cont...) |
|-------------------------|--|-------------|--|--|----------------------|
| | | 0732 | 0366 | 0732 | 0732 | 0497 | 0091 | 0091 | 0616 | 0768 | 0605 | 0768 | 0731 | 0660 | 0670 | 0536 | 0560 | 0649 | 0731 | 0731 | 0625 | 0626 | 0661 | 0585 | 0515 | 0515 | | | | |
| 0 MG/KG | | 00261 | 00262 | 00263 | 00264 | 00265 | 00266 | 00267 | 00268 | 00269 | 00270 | 00271 | 00272 | 00273 | 00274 | 00275 | 00276 | 00277 | 00278 | 00279 | 00280 | 00281 | 00282 | 00283 | 00284 | 00285 | 00285 | | | |
| ANIMAL ID | | 00261 | 00262 | 00263 | 00264 | 00265 | 00266 | 00267 | 00268 | 00269 | 00270 | 00271 | 00272 | 00273 | 00274 | 00275 | 00276 | 00277 | 00278 | 00279 | 00280 | 00281 | 00282 | 00283 | 00284 | 00285 | 00285 | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|---|---|---|--|--|---|---|---|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Esophagus | + | | + | + | + | | | + | + | + | | | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Large, Cecum Edema | + | | + | + | + | | | + | A | + | | | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Large, Colon | + | | + | + | + | | | + | + | + | | | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Large, Rectum | + | | + | + | + | | | + | + | + | | | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Duodenum | + | | + | + | + | | | + | + | + | | | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Ileum | + | | + | + | + | | | + | A | A | | | + | + | + | + | + | + | A | + | + | + | + | + | + | |
| Intestine Small, Jejunum | + | | + | + | + | | | + | A | + | | | + | + | A | + | + | + | A | + | + | + | + | A | + | |
| Liver | + | | + | + | + | | | + | + | + | | | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Angiectasis | | | | | | | | 1 | | | | | | | | | | | | | | | | | | |
| Basophilic Focus | X | | X | X | | | | X | X | X | | | X | X | X | X | X | X | X | X | X | | | X | X | |
| Clear Cell Focus | | | | X | | | | | | | | | | X | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| Eosinophilic Focus | X | | | X | | | | | | | | | | | | | | | X | | | | | | | |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatodiaphragmatic Nodule | | | X | | | | | X | | | | | | | X | | | | | | X | X | | | | |
| Infiltration Cellular, Mixed Cell | | | 1 | | | | | | | | | | | | 3 | | | 3 | | | | | | | 1 | |
| Mixed Cell Focus | | | X | | | | | X | | | | | | | | | | | | | | | | | | |
| Necrosis, Focal | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Centrilobular, Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

0 MG/KG | | DAY ON TEST | | | | | | females
(cont...) |
|--|-----------------------|------------------|------------------|--|--|--|----------------------|
| | | ANIMAL ID | | | | | | |
| | | 0
7
3
2 | 0
3
6
6 | 0
7
3
2 | 0
7
3
2 | 0
4
9
7 | 0
0
9
1 | 0
0
9
1 | 0
6
1
6 | 0
7
2
6 | 0
6
9
8 | 0
0
1
5 | 0
7
3
2 | 0
7
3
1 | 0
6
0
6 | 0
6
9
0 | 0
7
3
5 | 0
5
6
0 | 0
6
4
9 | 0
7
3
1 | 0
7
3
1 | 0
6
2
5 | 0
6
2
6 | 0
6
6
1 | 0
5
8
5 | 0
0
1
5 | | | | |
| 0
0
2
6
1 | 0
0
2
6
2 | 0
0
2
6
3 | 0
0
2
6
4 | 0
0
2
6
5 | 0
0
2
6
6 | 0
0
2
6
7 | 0
0
2
6
8 | 0
0
2
6
9 | 0
0
2
7
0 | 0
0
2
7
1 | 0
0
2
7
2 | 0
0
2
7
3 | 0
0
2
7
4 | 0
0
2
7
5 | 0
0
2
7
6 | 0
0
2
7
7 | 0
0
2
7
8 | 0
0
2
7
9 | 0
0
2
8
0 | 0
0
2
8
1 | 0
0
2
8
2 | 0
0
2
8
3 | 0
0
2
8
4 | 0
0
2
8
5 | | | | | | |
| Hepatocyte, Vacuolization Cytoplasmic | | 3 | | | | | | | | | | | | | | 3 | | | 2 | | | | | | | | | | | |
| Mesentery | | + | | + | | + | | + | | + | | + | | + | | + | | + | | + | | + | | + | | | | | | |
| Accessory Spleen | | | | | | | | | | X | | X | | | | | | | | | | | | | | | | | | |
| Fibrosis | | | | | | |
| Fat, Necrosis | | 4 | | | | 2 | | 2 | | | | 3 | | | | 3 | | | | 1 | | | | 3 | | | | | | |
| Pancreas | | + | | + | | + | | + | | | | + | | + | | + | | + | | + | | + | | + | | + | | | | |
| Atrophy | | | | | | | | | | 1 | | | | | | 1 | | | | 1 | | | | | | | | | | |
| Cyst | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | |
| Acinus, Cytoplasmic Alteration | | | | | | | | | | | | | | 3 | | 3 | | | | | | 2 | | | | | | | | |
| Acinus, Hyperplasia, Focal | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | |
| Salivary Glands | | + | | + | | + | | + | | | | + | | + | | + | | + | | + | | + | | + | | + | | | | |
| Atrophy | | | | | | | | | | | | | | 2 | | | | | | | | 2 | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| Stomach, Forestomach | | + | | + | | + | | + | | | | + | | + | | + | | + | | + | | + | | + | | + | | | | |
| Edema | | | | | | | | | | | | | | 4 | | | | | | | | 4 | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | 3 | | | | | | | | 3 | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | 2 | | 2 | | | | | | 4 | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | 4 | | 3 | | | | | | 3 | | | | | | | | |
| Stomach, Glandular | | + | | + | | + | | + | | | | + | | + | | + | | + | | + | | + | | + | | + | | | | |
| Erosion | | | | | | |
| Ulcer | | | | | | |
| Tongue | | | | | | | | | | | | | | | | + | | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

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

females
(cont...)

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|--|--|--|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Heart | + | + | + | + | | | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Cardiomyopathy | 1 | | 1 | 3 | | | | 2 | 2 | 2 | | 1 | 2 | | | 1 | | 1 | 3 | 2 | 1 | | 3 | 1 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|---|---|---|--|--|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | | + | + | + | | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | 3 | | | | 3 | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | |
| Degeneration, Fatty | 3 | | | 3 | | | | | 2 | | | | | | | | | | | | | 1 | 2 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Focal | 3 | | | 1 | | | | | | | | | | | 1 | | | | 3 | | | 1 | | |
| Hypertrophy, Focal | | | | | | | | 2 | | | | | | | | | | | | | | | 2 | |
| Necrosis | | | | | | | | | | | | | | | | | | | 3 | | | | | |
| Adrenal Medulla | + | | + | + | + | | | + | I | + | | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + | | + | + | + | | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | |
| Parathyroid Gland | M | | + | M | + | | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | |
| Pituitary Gland | + | | + | + | + | | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Angiectasis | | | | | | | | | | | | | | | 3 | | | | | 3 | 4 | | | |
| Pars Distalis, Cyst | 3 | | | 3 | | | | | | | | | | | | | | | | 3 | | | | |
| Pars Distalis, Hyperplasia | 3 | | | | | | | | | | | | | 1 | | | | | | | | | | |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

0 MG/KG | DAY ON TEST | 0
7
3
2 | 0
3
6
6 | 0
7
3
2 | 0
7
3
2 | 0
4
9
7 | 0
0
9
1 | 0
0
9
1 | 0
6
1
6 | 0
7
2
6 | 0
6
9
8 | 0
0
1
5 | 0
7
3
2 | 0
7
3
1 | 0
6
0
6 | 0
6
7
5 | 0
0
3
0 | 0
5
6
0 | 0
6
4
9 | 0
7
3
1 | 0
7
3
1 | 0
6
2
5 | 0
6
2
6 | 0
6
6
1 | 0
5
8
5 | 0
0
1
5 | females
(cont...) |
|--|-------------|----------------------|
| | ANIMAL ID | 0
0
2
6
1 | 0
0
2
6
2 | 0
0
2
6
3 | 0
0
2
6
4 | 0
0
2
6
5 | 0
0
2
6
6 | 0
0
2
6
7 | 0
0
2
6
8 | 0
0
2
6
9 | 0
0
2
7
0 | 0
0
2
7
1 | 0
0
2
7
2 | 0
0
2
7
3 | 0
0
2
7
4 | 0
0
2
7
5 | 0
0
2
7
6 | 0
0
2
7
7 | 0
0
2
7
8 | 0
0
2
7
9 | 0
0
2
8
0 | 0
0
2
8
1 | 0
0
2
8
2 | 0
0
2
8
3 | 0
0
2
8
4 | 0
0
2
8
5 | |
| | | |
| Myelofibrosis | | |
| Lymph Node | | | | | + | | | | | | | | | | + | | | | | | | | | | | | |
| Bronchial, Hyperplasia | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| Bronchial, Pigmentation | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| Mediastinal, Ectasia | | |
| Mediastinal, Hemorrhage | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | 3 | |
| Mediastinal, Pigmentation | | |
| Pancreatic, Hemorrhage | | |
| Pancreatic, Pigmentation | | |
| Lymph Node, Mandibular Ectasia | M | | M | M | + | | | M | M | M | | M | M | M | M | + | M | M | M | + | M | M | M | | | | |
| Lymph Node, Mesenteric Hemorrhage | + | | + | + | + | | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid Pigmentation | 2 | | | 3 | 3 | | | 2 | 2 | 2 | | | | 2 | | 3 | | 2 | 2 | 2 | | | | | 2 | | |
| | | | 3 | |
| Spleen Fibrosis | + | | + | + | + | | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hematopoietic Cell Proliferation | | | | | 1 | | | | 2 | | | | | | | 2 | | | | | | | | | | | |
| Pigmentation | | | | | 3 | | | | | | | 3 | | | | 3 | | | | | | | | 3 | | | |
| Thymus Cyst | + | | + | + | + | | | + | M | + | | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | |

INTEGUMENTARY SYSTEM

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

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|--|---|---|---|--|--|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|
| Hyperplasia | 2 | | 2 | 2 | 2 | | | 2 | 3 | 3 | | 4 | 3 | 3 | 4 | 4 | 3 | 2 | 3 | 2 | 3 | 4 | | 3 | | | | |
| Skin | + | | + | + | + | | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | | | | | |
| Cyst Epithelial Inclusion | | | | | | | | | | | | | | | | | | | | | | X | | | | | | |
| Ulcer | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Epidermis, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|--|---|---|---|--|--|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brain | + | | + | + | + | | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Compression | | | | | 2 | | | 4 | 2 | 4 | | 4 | | 2 | 4 | 2 | 4 | 3 | | | 3 | 3 | 4 | 2 | | | | |
| Hemorrhage | | | | | | | | 3 | | | | | | | 3 | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| Peripheral Nerve | | | | | | | | | | | | | | | + | | | | + | | | | | | | | | |
| Spinal Cord | | | | | | | | | | | | | | | + | | | | + | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|---|---|---|--|--|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | | + | + | + | | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | 2 | | | | | | | | 2 | | | | | | | | |
| Infiltration Cellular, Histiocyte | 1 | | 1 | | | | | 1 | | 1 | | | 1 | | 1 | | 1 | | 1 | 1 | | | | 1 | | | | |
| Inflammation, Chronic | | | | | | | | | | | | 1 | | | 1 | | | | 1 | | | | 2 | | | | | |
| Pigmentation, Hemosiderin | 1 | | 1 | | | | | | | 1 | | | | | 3 | 1 | | | | | | | 1 | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

0 MG/KG | DAY ON TEST | 0
7
3
2 | 0
3
6
6 | 0
7
3
2 | 0
7
3
2 | 0
4
9
7 | 0
0
9
1 | 0
0
9
1 | 0
6
1
6 | 0
7
2
6 | 0
6
9
8 | 0
0
1
5 | 0
7
3
2 | 0
7
3
1 | 0
6
0
6 | 0
6
9
0 | 0
7
3
5 | 0
5
6
0 | 0
6
4
9 | 0
7
3
1 | 0
7
3
1 | 0
6
2
5 | 0
6
2
6 | 0
6
6
1 | 0
5
8
5 | 0
0
1
5 | females
(cont...) | |
|--|--------------|----------------------|--|
| | ANIMAL ID | 0
0
2
6
1 | 0
0
2
6
2 | 0
0
2
6
3 | 0
0
2
6
4 | 0
0
2
6
5 | 0
0
2
6
6 | 0
0
2
6
7 | 0
0
2
6
8 | 0
0
2
6
9 | 0
0
2
7
0 | 0
0
2
7
1 | 0
0
2
7
2 | 0
0
2
7
3 | 0
0
2
7
4 | 0
0
2
7
5 | 0
0
2
7
6 | 0
0
2
7
7 | 0
0
2
7
8 | 0
0
2
7
9 | 0
0
2
8
0 | 0
0
2
8
1 | 0
0
2
8
2 | 0
0
2
8
3 | 0
0
2
8
4 | 0
0
2
8
5 | | |
| | Nose | + | | + | + | + | | | + | + | + | | | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| | Foreign Body | | | | | | | | | | | | | X | | | | | | | X | | X | | | | | |
| Inflammation, Chronic | | | | | 1 | | | | | | | | | | | | | | | 1 | | 1 | | | | | | |
| Respiratory Epithelium, Hyperplasia | | | 1 | | | | | | |
| Respiratory Epithelium, Metaplasia, Squamous | | | |
| Trachea | | + | | + | + | + | | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| SPECIAL SENSES SYSTEM | | | |
| Eye | | + | | + | + | + | | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Cataract | | | | | | | | | | | | | | | | | 3 | | | | 3 | | | | | | | |
| Inflammation, Acute | | | 1 | | | | |
| Cornea, Hyperplasia | | | 2 | | | | |
| Retina, Degeneration | | | | | | | | | | | | | 2 | | | | 4 | | | | 3 | | 2 | | | | | |
| Harderian Gland | | + | | + | + | + | | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Inflammation, Chronic | | | | | | 2 | | |
| URINARY SYSTEM | | | |
| Kidney | | + | | + | + | + | | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Cyst | | | |
| Infarct | | | 1 | | | | | |
| Nephropathy | | | | | 1 | 1 | | | 1 | | | | 2 | 1 | | 3 | 2 | 2 | 1 | 1 | | 1 | 2 | 3 | 1 | | | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | |
| Renal Tubule, Dilatation | | | |
| Renal Tubule, Pigmentation | | | |
| Urinary Bladder | | + | | + | + | + | | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |

* .. 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

Date Report Requested: 03/31/2010
Time Report Requested: 13:41:41
First Dose M/F: 01/18/05 / 01/18/05
Lab: SRI

Edema

1-4 .. Lesion qualified as:

| | |
|------------|-------------|
| 1) Minimal | 3) Moderate |
| 2) Mild | 4) Marked |

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE | DAY ON TEST |
|-------------------------|-------------------|
| | 0722 | 0732 | 0736 | 0754 | 0771 | 0772 | 0773 | 0775 | 0777 | 0778 | 0779 | 0781 | 0782 | 0783 | 0785 | 0786 | 0787 | 0789 | 0790 | 0791 | 0793 | 0795 | 0797 | 0799 |
| 0 MG/KG | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | 0099 | 0100 | 0101 | 0102 | 0103 | 0104 | 0105 | 0106 | 0107 | 0108 | 0109 |
| ANIMAL ID | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 |
| | 0 | 0 |
| | 0 | 0 |
| | 2 | 2 |
| | 8 | 8 | 8 | 8 | 9 |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | females (cont...) | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|--|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|--|---|---|--|---|
| Esophagus | + | + | | + | + | + | + | | + | + | + | + | + | + | + | | + | + | | + | + | | + |
| Intestine Large, Cecum Edema | + | + | | + | + | + | + | | + | + | + | + | + | + | + | | + | + | | + | + | | + |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Intestine Large, Colon | + | + | | + | + | + | + | | + | + | + | + | + | + | + | | A | + | | + | + | | + |
| Intestine Large, Rectum | + | + | | + | + | + | + | | + | + | I | + | + | + | + | | + | + | | + | + | | + |
| Intestine Small, Duodenum | + | + | | + | + | + | + | | + | + | + | + | + | + | + | | + | + | | + | + | | + |
| Intestine Small, Ileum | + | + | | + | + | + | + | | + | + | + | + | + | + | + | | A | + | | + | + | | + |
| Intestine Small, Jejunum | + | + | | + | A | + | + | | + | + | + | + | + | + | + | | A | + | | + | + | | + |
| Liver | + | + | | + | + | + | + | | + | + | + | + | + | + | + | | + | + | | + | + | | + |
| Angiectasis | | | | | | | | | 2 | | | | | | | | | | | | | | |
| Basophilic Focus | X | | | | X | X | X | | X | X | X | X | X | X | X | | X | X | | X | X | | X |
| Clear Cell Focus | X | | | | | | | | | | X | | X | | | | | X | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | X | | X | | X | | | | | | | | | | | | | | |
| Fatty Change | | | | | | | | | | | | | | | | 3 | | | | | 2 | | |
| Hematopoietic Cell Proliferation | 1 | | | | | 2 | | | | | | | | | | | | | | | | | |
| Hepatodiaphragmatic Nodule | | | | | X | | | | X | | | | X | | | | | | | | | | |
| Infiltration Cellular, Mixed Cell | | 1 | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | | | | X | X | | | X | X | X | | | | | | | | | | | | X |
| Necrosis, Focal | | | | | | 1 | | | | | | | | | | | | | | | | | |
| Centrilobular, Necrosis | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

0 MG/KG | | DAY ON TEST | 0
7
2
2 | 0
7
3
2 | 0
3
6
6 | 0
5
4
3 | 0
7
1
2 | 0
7
2
2 | 0
7
3
2 | 0
0
1
5 | 0
7
3
2 | 0
7
3
1 | 0
7
3
2 | 0
7
3
1 | 0
6
5
2 | 0
3
6
6 | 0
6
5
3 | 0
3
6
6 | 0
7
3
2 | 0
0
9
1 | 0
7
3
5 | 0
5
6
0 | 0
3
6
6 | 0
7
3
1 | 0
0
6
1 | females
(cont...) | | | | | |
|--|--|-------------|----------------------|---|-----------------------|-----------------------|--|--|
| | | ANIMAL ID | 0
0
2
8
6 | 0
0
2
8
7 | 0
0
2
8
8 | 0
0
2
8
9 | 0
0
2
9
0 | 0
0
2
9
1 | 0
0
2
9
2 | 0
0
2
9
3 | 0
0
2
9
4 | 0
0
2
9
5 | 0
0
2
9
6 | 0
0
2
9
7 | 0
0
2
9
8 | 0
0
2
9
9 | 0
0
3
0
0 | 0
0
3
0
1 | 0
0
3
0
2 | 0
0
3
0
3 | 0
0
3
0
4 | 0
0
3
0
5 | 0
0
3
0
6 | 0
0
3
0
7 | 0
0
3
0
8 | | | 0
0
3
0
9 | 0
0
3
1
0 | | |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | | | |
| Mesentery | | | + | | | | | + | | | | | + | + | + | + | | | | | + | | | | | + | + | + | | | |
| Accessory Spleen | | | X | | | | | | |
| Fibrosis | | | | | | | | |
| Fat, Necrosis | | | 4 | | | | | 4 | | | | | 3 | 3 | 4 | | | | | 4 | | | | | 3 | | | 4 | 3 | | |
| Pancreas | | | + | + | | | + | + | + | + | | | + | + | + | + | | | + | | | + | | | + | + | | | + | | |
| Atrophy | | | 13113 | | | | | | |
| Cyst | | | | | | | | |
| Acinus, Cytoplasmic Alteration | | | 3 | | | | | | |
| Acinus, Hyperplasia, Focal | | | | | | | | |
| Salivary Glands | | | + | + | | | + | + | + | + | | | + | + | + | + | | | + | | | + | | | + | + | | | + | | |
| Atrophy | | | 23 | | | | | | |
| Necrosis | | | | | | | | |
| Stomach, Forestomach | | | + | + | | | + | + | + | + | | | + | + | + | + | | | + | | | + | | | + | + | | | + | | |
| Edema | | | 3 | | | | | | |
| Inflammation, Chronic Active | | | 33 | | | | | | |
| Ulcer | | | 4 | | | | | | |
| Epithelium, Hyperplasia | | | 33 | | | | | | |
| Stomach, Glandular | | | + | + | | | + | + | + | + | | | + | + | + | + | | | + | | | + | | | + | + | | | + | | |
| Erosion | | | | | | | | |
| Ulcer | | | 3 | | | | | | |
| Tongue | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | |

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

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

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

Date Report Requested: 03/31/2010
Time Report Requested: 13:41:41
First Dose M/F: 01/18/05 / 01/18/05
Lab: SRI

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

0 MG/KG | | DAY ON TEST | | | | females
(cont...) |
|--|--|-------------|--|--|----------------------|
| | | 0722 | 0732 | 0366 | 0543 | 0712 | 0772 | 0772 | 0015 | 0732 | 0731 | 0772 | 0772 | 0772 | 0772 | 0772 | 0652 | 0366 | 0653 | 0656 | 0732 | 0709 | 0735 | 0560 | 0366 | 0731 | 0015 | | | |
| ANIMAL ID | | 00286 | 00087 | 00088 | 00088 | 00089 | 00090 | 00091 | 00092 | 00093 | 00094 | 00095 | 00096 | 00097 | 00098 | 00099 | 00100 | 00101 | 00102 | 00103 | 00104 | 00105 | 00106 | 00107 | 00108 | 00109 | 00110 | | | |
| Pars Intermedia, Angiectasis | | 3 | | | 3 | | | |
| Pars Intermedia, Cyst | | 3 | | | |
| Pars Intermedia, Hyperplasia | | 3 | | | |
| Thyroid Gland | | + | + | | + | + | + | + | | + | + | + | + | + | + | | + | | + | | + | + | | | + | | | | | |
| C-cell, Hyperplasia | | | | | | | | | | 2 | | | | | | 2 | | | | | | | | | 1 | | 1 | | | |
| Follicular Cell, Hyperplasia | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|--|---|---|---|---|--|---|---|---|---|---|---|---|---|---|--|---|---|--|---|---|---|---|--|
| Clitoral Gland | + | + | | + | + | + | + | | + | + | + | + | + | + | + | | + | | + | + | | | + | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | 3 | | | | | | 2 | | | | | | | | | 3 | | | | | | | | | | |
| Inflammation, Chronic | | | | 2 | 4 | | | | | | 3 | | | | 2 | | | | | | | | | | | |
| Ovary | + | + | | + | + | + | + | | + | + | + | + | + | + | + | | + | | + | + | | | + | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uterus | + | + | | + | + | + | + | | + | + | + | + | + | + | + | | + | | + | | | + | + | | + | |
| Hyperplasia, Cystic | | | | | | 2 | | | | | | | | | 1 | | | | | | | | 3 | 2 | | |
| Vagina | | | | + | | | | | + | + | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|--|---|---|---|---|--|---|---|---|---|---|---|---|--|---|--|---|---|--|--|---|--|--|--|
| Bone Marrow | + | + | | + | + | + | + | | + | + | + | + | + | + | + | | + | | + | + | | | + | | | |
| Hyperplasia | 4 | | | | | 3 | | | 3 | | | | | | | | | | | | | | | | | |

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

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

TDMS No. 88133 - 07
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Trimethylolpropane triacrylate

CAS Number: 15625-89-5

Date Report Requested: 03/31/2010

Time Report Requested: 13:41:41

First Dose M/F: 01/18/05 / 01/18/05

Lab: SRI

| | | | |
|-------------------------|---------|-------------|----------------------|
| FISCHER 344 RATS FEMALE | 0 MG/KG | DAY ON TEST | 0722 | 0736 | 00543 | 07722 | 0075 | 0072 | 0071 | 0072 | 0077 | 0077 | 0077 | 0073 | 0065 | 0063 | 0036 | 0073 | 0079 | 0053 | 0066 | 0073 | 0001 | females
(cont...) |
| | | ANIMAL ID | 00286 | 00028 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00022 | 00033 | 00033 | 00033 | 00034 | 00033 | 00033 | 00033 | 00033 | 00033 | 00010 | |
| | | | 67 | 88 | 8890 | 991 | 992 | 993 | 994 | 995 | 996 | 997 | 998 | 999 | 001 | 002 | 003 | 004 | 005 | 006 | 007 | 008 | 009 | |

Myelofibrosis

Lymph Node

Bronchial, Hyperplasia

Bronchial, Pigmentation

Mediastinal, Ectasia

Mediastinal, Hemorrhage

Mediastinal, Hyperplasia, Lymphoid

Mediastinal, Pigmentation

Pancreatic, Hemorrhage

Pancreatic, Pigmentation

Lymph Node, Mandibular

Ectasia

Lymph Node, Mesenteric

Hemorrhage

Hyperplasia, Lymphoid

Pigmentation

Spleen

Fibrosis

Hematopoietic Cell Proliferation

Pigmentation

Thymus

Cyst

INTEGUMENTARY SYSTEM

Mammary Gland

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

+ .. Tissue examined microscopically

X .. Lesion present

1 .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

0 MG/KG | DAY ON TEST | | | | | females
(cont...) |
|--|-----------------------|--|--|--|----------------------|
| | 0
7
2
2 | 0
7
3
2 | 0
3
6
6 | 0
5
4
3 | 0
7
1
2 | 0
7
2
2 | 0
7
3
2 | 0
0
1
5 | 0
7
3
2 | 0
7
3
1 | 0
7
3
2 | 0
7
3
1 | 0
6
5
2 | 0
3
6
6 | 0
6
5
3 | 0
3
6
6 | 0
7
3
2 | 0
0
9
1 | 0
7
3
5 | 0
5
6
0 | 0
3
6
6 | 0
7
3
1 | 0
0
6
9 | | | | | | |
| | 0
0
2
8
6 | 0
0
2
8
7 | 0
0
2
8
8 | 0
0
2
8
9 | 0
0
2
9
0 | 0
0
2
9
1 | 0
0
2
9
2 | 0
0
0
9
3 | 0
0
2
9
4 | 0
0
2
9
5 | 0
0
2
9
6 | 0
0
2
9
7 | 0
0
2
9
8 | 0
0
2
9
9 | 0
0
3
0
0 | 0
0
3
0
1 | 0
0
3
0
2 | 0
0
3
0
3 | 0
0
3
0
4 | 0
0
3
0
5 | 0
0
3
0
6 | 0
0
3
0
7 | 0
0
3
0
8 | 0
0
3
0
9 | 0
0
3
1
0 | | | | |
| Hyperplasia | 3 | 2 | | 4 | 2 | 3 | 3 | | 2 | 4 | 4 | 2 | 2 | 3 | 3 | | 3 | | 3 | | 3 | 2 | | 3 | | | | | |
| Skin | + | + | | + | + | + | + | | + | + | + | + | + | + | + | | + | | + | | + | + | | + | | | | | |
| Cyst Epithelial Inclusion | | | | | |
| Ulcer | | | | |
| Epidermis, Hyperplasia | | | | | |

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|---|--|---|---|---|---|--|---|---|---|---|---|---|---|---|---|--|---|--|---|---|--|---|--|--|--|--|
| Brain | + | + | | + | + | + | + | | + | + | + | + | + | + | + | | + | | + | | + | + | | + | | | | |
| Compression | 2 | | | 4 | 3 | 1 | | | 2 | | 2 | | 1 | 4 | | 4 | | | | | 4 | | | 2 | | | | |
| Hemorrhage | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peripheral Nerve | | | | + | | | | | | | | | | + | | | | | | | | | | | | | | |
| Spinal Cord | | | | + | | | | | | | | | | + | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|--|---|---|---|---|--|---|---|---|---|---|---|---|--|---|--|---|--|---|---|--|---|--|--|--|--|
| Lung | + | + | | + | + | + | + | | + | + | + | + | + | + | + | | + | | + | | + | + | | + | | | | |
| Edema | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | 1 | | | 1 | | | 1 | | 1 | | | | | 1 | | | 1 | | 1 | | 1 | 1 | | 1 | | | | |
| Inflammation, Chronic | | | | | 1 | 1 | | | 1 | | | | 1 | | | | 1 | | 1 | | | | | | | | | |
| Pigmentation, Hemosiderin | | | | 1 | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

0 MG/KG | DAY ON TEST | 0
7
2
2 | 0
7
3
2 | 0
3
6
6 | 0
5
4
3 | 0
7
1
2 | 0
7
2
2 | 0
7
2
2 | 0
0
1
5 | 0
7
3
2 | 0
7
3
1 | 0
7
3
2 | 0
7
3
1 | 0
6
5
2 | 0
3
6
6 | 0
6
5
3 | 0
3
6
6 | 0
7
3
2 | 0
0
9
1 | 0
7
3
5 | 0
5
6
0 | 0
3
6
6 | 0
7
3
1 | 0
0
1
5 | females
(cont...) | | |
|--|-------------|----------------------|--|--|
| | ANIMAL ID | 0
0
2
8
6 | 0
0
2
8
7 | 0
0
2
8
8 | 0
0
2
8
9 | 0
0
2
9
0 | 0
0
2
9
1 | 0
0
2
9
2 | 0
0
2
9
3 | 0
0
2
9
4 | 0
0
2
9
5 | 0
0
2
9
6 | 0
0
2
9
7 | 0
0
2
9
8 | 0
0
3
0
0 | 0
0
3
0
1 | 0
0
3
0
2 | 0
0
3
0
3 | 0
0
3
0
4 | 0
0
3
0
5 | 0
0
3
0
6 | 0
0
3
0
7 | 0
0
3
0
8 | 0
0
3
0
9 | | | |
| | | | | |
| Nose | | + | + | | + | + | + | + | | + | + | + | + | + | | + | | + | | + | + | | + | | | | |
| Foreign Body | | | | | | | | | X | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | 1 | | | | 2 | 1 | | | | | | | | 2 | | | |
| Respiratory Epithelium, Hyperplasia | | | | |
| Respiratory Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | 2 | | | | | | | | | 2 | | | |
| Trachea | | + | + | | + | + | + | + | | + | + | + | + | + | | + | | + | | + | + | | + | | | | |
| SPECIAL SENSES SYSTEM | | | | |
| Eye | | + | + | | + | + | + | + | | + | + | + | + | + | + | | + | | + | | + | + | | + | | | |
| Cataract | | | | |
| Inflammation, Acute | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | |
| Cornea, Hyperplasia | | | | |
| Retina, Degeneration | | | | |
| Harderian Gland | | + | + | | + | + | + | + | | + | + | + | + | + | + | | + | | + | | + | + | | + | | | |
| Inflammation, Chronic | | | | |
| URINARY SYSTEM | | | | |
| Kidney | | + | + | | + | + | + | + | | + | + | + | + | + | + | | + | | + | | + | + | | + | | | |
| Cyst | | | | |
| Infarct | | | | |
| Nephropathy | | | | | 3 | 2 | 3 | 1 | | 1 | 3 | 1 | 1 | 1 | 1 | 2 | | | | | 1 | | | 3 | | | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | |
| Renal Tubule, Dilatation | | | | |
| Renal Tubule, Pigmentation | | | | |
| Urinary Bladder | | + | + | | + | + | + | + | | + | + | + | + | + | + | | + | | + | | + | + | | + | | | |

* .. 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

Species/Strain: RATS/F 344/N

CAS Number: 15625-89-5

Lab: SRI

| | | | | | | | |
|--|--|-------------|--|----------------------|-------|-------|-------|
| FISCHER 344 RATS FEMALE

0 MG/KG | | DAY ON TEST | | 0722 | 0736 | 0541 | 0722 | 0722 | 0705 | 0772 | 0773 | 0773 | 0773 | 0773 | 0656 | 0365 | 0365 | 0739 | 0073 | 0536 | 0366 | 0371 | 0001 | females
(cont...) | | | |
| | | ANIMAL ID | | 00286 | 00287 | 00288 | 00289 | 00290 | 00291 | 00292 | 00293 | 00294 | 00295 | 00296 | 00297 | 00298 | 00299 | 00300 | 00301 | 00302 | 00303 | 00304 | 00305 | | 00306 | 00307 | 00308 |
| | | | | 22 | 6 | 3 | 2 | 2 | 5 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 6 | 3 | 6 | 2 | 1 | 5 | 0 | | 6 | 5 | |

3

1-4 .. Lesion qualified as:

| | |
|------------|-------------|
| 1) Minimal | 3) Moderate |
| 2) Mild | 4) Marked |

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | ANIMAL ID | |
|-------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--|
| | 0731 | 0648 | 0597 | 0091 | 0091 | 0702 | 0702 | 0703 | 0015 | 0702 | 0508 | 0702 | 0703 | 0701 | 0702 | 0701 | | |
| 0 MG/KG | 0031 | 0033 | 0031 | 0031 | 0031 | 0031 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | | |
| | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | | |
| * TOTALS | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|--|--|---|---|---|--|---|---|---|---|---|---|--|-------------|
| Esophagus | + | M | + | | | + | + | + | | + | + | + | + | + | + | | 49 |
| Intestine Large, Cecum Edema | + | + | + | | | + | + | + | | + | + | + | + | + | + | | 49
1 2.0 |
| Intestine Large, Colon | + | + | + | | | + | + | + | | + | + | + | + | + | + | | 49 |
| Intestine Large, Rectum | + | + | I | | | + | + | + | | + | + | + | + | + | + | | 48 |
| Intestine Small, Duodenum | + | + | + | | | + | + | + | | + | + | + | + | + | + | | 50 |
| Intestine Small, Ileum | + | + | + | | | + | + | + | | + | A | + | + | + | + | | 45 |
| Intestine Small, Jejunum | + | + | + | | | + | + | + | | + | + | + | + | + | + | | 44 |
| Liver | + | + | + | | | + | + | + | | + | + | + | + | + | + | | 50 |
| Angiectasis | | | 2 | | | | | | | | | | | | | | 4 2.0 |
| Basophilic Focus | X | X | X | | | | X | | | X | X | X | X | X | X | | 43 |
| Clear Cell Focus | | | | | | | X | | | | | X | X | | | | 9 |
| Cyst | | | | | | | | | | | | | | | | | 1 3.0 |
| Eosinophilic Focus | | | X | | | | | | | | | | | | X | | 8 |
| Fatty Change | | | | | | | | | | | | | | | | | 4 2.8 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | 2 1.5 |
| Hepatodiaphragmatic Nodule | | | | | | | | | | | | X | X | X | | | 11 |
| Infiltration Cellular, Mixed Cell | | | | | | | | | | | 2 | 3 | | | | | 7 2.0 |
| Mixed Cell Focus | | | | | | | | | | | | | | | X | | 9 |
| Necrosis, Focal | | | | | | | | | | | | | | | | | 2 1.5 |
| Centrilobular, Necrosis | | | | | | 2 | | 1 | | | | | | | | | 2 1.5 |

* .. 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

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE
0 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | ANIMAL ID | |
|---------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------|----------|
| | 0
7
3
1 | 0
6
4
8 | 0
5
9
7 | 0
0
9
1 | 0
0
9
1 | 0
7
0
2 | 0
7
3
2 | 0
7
3
5 | 0
0
3
5 | 0
7
3
2 | 0
5
9
8 | 0
7
3
2 | 0
7
3
1 | 0
7
3
2 | 0
7
3
1 | 0
7
3
1 | | |
| | 0
0
3
1
1 | 0
0
3
1
2 | 0
0
3
1
3 | 0
0
3
1
4 | 0
0
3
1
5 | 0
0
3
1
6 | 0
0
3
1
7 | 0
0
3
1
8 | 0
0
3
1
9 | 0
0
3
2
0 | 0
0
3
2
1 | 0
0
3
2
2 | 0
0
3
2
3 | 0
0
3
2
4 | 0
0
3
2
5 | 0
0
3
2
6 | | |
| | | | | | | | | | | | | | | | | | | * TOTALS |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | 3 2.7 |
| Mesentery | | + | + | | | | | | | + | | + | + | + | + | | | 26 |
| Accessory Spleen | | | | | | | | | | | | | X | | | | | 4 |
| Fibrosis | | 2 | | | | | | | | | | | | | | | | 1 2.0 |
| Fat, Necrosis | | 3 | 2 | | | | | | | 3 | | 4 | | 3 | 2 | | | 22 3.0 |
| Pancreas | + | + | + | | | + | + | + | | + | + | + | + | + | + | | | 50 |
| Atrophy | | | | | | | | | | | | | 1 | | 3 | | | 10 1.6 |
| Cyst | | | 3 | | | 3 | | | | | | | | | | | | 3 3.0 |
| Acinus, Cytoplasmic Alteration | | | | | | | | | | | | | | | | | | 4 2.8 |
| Acinus, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | 1 1.0 |
| Salivary Glands | + | + | + | | | + | + | + | | + | + | + | + | + | + | | | 50 |
| Atrophy | | | | | | 2 | | | | | | | | | | | | 5 2.2 |
| Necrosis | | | | | | | | | | | | | | | | | | 1 3.0 |
| Stomach, Forestomach | + | + | + | | | + | + | + | | + | + | + | + | + | + | | | 50 |
| Edema | | | | | | | | | | | | | | | | | | 3 3.7 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | 4 3.0 |
| Ulcer | | | | | | | | | | | 4 | | | | | | | 5 3.2 |
| Epithelium, Hyperplasia | | | | | | | | | | | 3 | | | | | | | 6 3.2 |
| Stomach, Glandular | + | + | + | | | + | + | + | | + | + | + | + | + | + | | | 50 |
| Erosion | | | 1 | | | | | | | | | | | | | | | 1 1.0 |
| Ulcer | | | | | | | | | | | | | | | | | | 1 3.0 |
| Tongue | | | | | | | | | | | | | | | | | | 1 |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | 1 1.0 |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

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

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|--|--|---|---|---|--|---|---|---|---|---|---|--|--------|
| Heart | + | + | + | | | + | + | + | | + | + | + | + | + | + | | 50 |
| Cardiomyopathy | 1 | | | | | 1 | 1 | 1 | | 2 | | 3 | 3 | 2 | | | 38 1.9 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|--|--|---|---|---|---|---|---|---|---|---|---|---|--------|
| Adrenal Cortex | + | + | + | | | + | + | + | | + | + | + | + | + | + | | 50 |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | 3 | 7 3.0 |
| Atrophy | | | | | | 3 | | | | | | | | | | | 1 3.0 |
| Degeneration, Fatty | | 2 | 1 | | | 1 | | | | | | | | 1 | 2 | | 18 1.8 |
| Hyperplasia | | | | | | | | | | | | | | | | | 1 3.0 |
| Hyperplasia, Focal | | | | | | | | | 2 | | | | | | | | 8 1.6 |
| Hypertrophy, Focal | | | | | | | | 1 | | | | | | | | 3 | 7 2.3 |
| Necrosis | | | | | | | | | | | | | | | | | 2 3.5 |
| Adrenal Medulla | + | + | + | | | + | + | + | | + | + | + | + | + | M | | 48 |
| Hyperplasia | | | | | | 2 | | | | 2 | | | | 1 | | | 5 1.4 |
| Necrosis | | | | | | | | | | | | | | | | | 1 4.0 |
| Islets, Pancreatic | + | + | + | | | + | + | + | | + | + | + | + | + | + | | 50 |
| Hyperplasia | | | | | | | | | | | | | | | | | 2 1.5 |
| Parathyroid Gland | + | + | + | | | + | + | + | | + | + | + | M | + | + | | 45 |
| Hyperplasia | | | | | | | | | | | | | | | | | 1 2.0 |
| Pituitary Gland | + | + | + | | | + | + | + | | + | + | + | + | + | + | | 50 |
| Pars Distalis, Angiectasis | | | | | | 2 | | | | | | | | | | | 9 3.2 |
| Pars Distalis, Cyst | | | | | | 3 | | | | | | 3 | | 3 | 3 | | 14 3.0 |
| Pars Distalis, Hyperplasia | | | | | | | | | | 3 | | | 2 | | | | 9 2.3 |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

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

| | | | | | | | | | | | | | | | | | | |
|------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|-----|
| Pars Intermedia, Angiectasis | | | | | | | | | | | | | | | | | 3 | 3.0 |
| Pars Intermedia, Cyst | | | | | | | | | | | | | | | | | 3 | 3.0 |
| Pars Intermedia, Hyperplasia | | | | | | | | | | | | | | | | | 1 | 3.0 |

| | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|--|--|---|---|---|--|---|---|---|---|---|---|--|----|-----|
| Thyroid Gland | + | + | + | | | + | + | + | | + | + | + | + | + | + | | 50 | |
| C-cell, Hyperplasia | | | | | | | | | | 1 | | | | | | | 5 | 1.4 |
| Follicular Cell, Hyperplasia | | | | | | | | | | | | | | | | | 1 | 1.0 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|--|--|---|---|---|--|---|---|---|---|---|---|--|----|-----|
| Clitoral Gland | + | + | + | | | + | + | + | | + | + | + | + | + | + | | 50 | |
| Cyst | | | | | | 3 | 3 | | | | | | | | | | 3 | 3.0 |
| Hyperplasia | | | | | | 1 | | | | | | | 3 | | 2 | | 10 | 2.1 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | 5 | 2.8 |

| | | | | | | | | | | | | | | | | | | |
|-------|---|---|---|--|--|---|---|---|--|---|---|---|---|---|---|--|----|-----|
| Ovary | + | + | + | | | + | + | + | | + | + | + | + | + | + | | 50 | |
| Cyst | | | | | | | | | | | | | | | | | 6 | 3.0 |

| | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|--|--|---|---|---|--|---|---|---|---|---|---|--|----|-----|
| Uterus | + | + | + | | | + | + | + | | + | + | + | + | + | + | | 50 | |
| Hyperplasia, Cystic | | | | | | 2 | | | | | | | | | 2 | | 10 | 2.0 |

| | | | | | | | | | | | | | | | | | | |
|--------|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|---|--|
| Vagina | | | | | | | | + | | | | | | | | | 8 | |
|--------|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|---|--|

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | |
|-------------|---|---|---|--|--|---|---|---|--|---|---|---|---|---|---|--|----|-----|
| Bone Marrow | + | + | + | | | + | + | + | | + | + | + | + | + | + | | 50 | |
| Hyperplasia | | | | | | | | | | | | | | | | | 3 | 3.3 |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE
0 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | ANIMAL ID | | |
|------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|-----|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | 7 | 6 | 5 | 0 | 0 | 7 | 7 | 7 | 0 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | | | |
| | 3 | 4 | 9 | 9 | 9 | 0 | 3 | 3 | 1 | 3 | 9 | 3 | 3 | 3 | 3 | 3 | | | |
| | 1 | 8 | 7 | 1 | 1 | 2 | 2 | 5 | 5 | 2 | 8 | 2 | 1 | 2 | 1 | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | | | | |
| * TOTALS | | | | | | | | | | | | | | | | | | | |
| Myelofibrosis | 1 1 | | | | | | | | | | | | | | | | 2 | 1.0 | |
| Lymph Node | + + + + | | | | | | | | | | | | | | | | 12 | | |
| Bronchial, Hyperplasia | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Bronchial, Pigmentation | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Mediastinal, Ectasia | 3 | | | | | | | | | | | | | | | | 3 | 2.7 | |
| Mediastinal, Hemorrhage | 3 | | | | | | | | | | | | | | | | 4 | 2.8 | |
| Mediastinal, Hyperplasia, Lymphoid | 2 | | | | | | | | | | | | | | | | 3 | 2.7 | |
| Mediastinal, Pigmentation | 2 | | | | | | | | | | | | | | | | 5 | 2.2 | |
| Pancreatic, Hemorrhage | 3 | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Pancreatic, Pigmentation | 2 | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Lymph Node, Mandibular Ectasia | M | M | M | | | M | M | M | | M | M | M | M | M | M | | 4 | | |
| | | | | | | | | | | | | | | | | | 1 | 4.0 | |
| Lymph Node, Mesenteric Hemorrhage | + | + | + | | | + | + | + | | + | + | + | + | + | + | | 50 | | |
| Hyperplasia, Lymphoid Pigmentation | 2 | | | | | | | | | | | | | | | | 1 | 1.0 | |
| | | | | | | | | | | | | | | | | | 26 | 2.3 | |
| | | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Spleen Fibrosis | + | + | + | | | + | + | + | | + | + | + | + | + | + | | 50 | | |
| Hematopoietic Cell Proliferation | 3 | | | | | | | | | | | | | | | | 1 | 3.0 | |
| Pigmentation | 3 | | | | | | | | | | | | | | | | 10 | 2.2 | |
| | | | | | | | | | | | | | | | | | 8 | 3.0 | |
| Thymus Cyst | + | + | + | | | + | + | + | | + | + | + | + | + | + | | 47 | | |
| | | | | | | | | | | | | | | | | | 1 | 3.0 | |

INTEGUMENTARY SYSTEM

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

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

0 MG/KG | | DAY ON TEST | | | | | | | | | | | | | | | | | |
|--|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|--|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | | 7 | 6 | 5 | 0 | 0 | 7 | 7 | 7 | 0 | 7 | 5 | 7 | 7 | 7 | 7 | | | |
| | | 3 | 4 | 9 | 9 | 9 | 0 | 3 | 3 | 1 | 3 | 9 | 3 | 3 | 3 | 3 | | | |
| ANIMAL ID | | 1 | 8 | 7 | 1 | 1 | 2 | 2 | 5 | 5 | 2 | 8 | 2 | 1 | 2 | 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 | 0 | 0 | 0 | 0 | | | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | * TOTALS | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Hyperplasia | | 2 | 3 | 4 | | | 4 | 3 | 3 | | 2 | 4 | 2 | 3 | 2 | | | 48 2.9 | |
| Skin | | + | + | + | | | + | + | + | | + | + | + | + | + | + | | 50 | |
| Cyst Epithelial Inclusion | | | | | | | | | | | | | | | | | | 1 | |
| Ulcer | | | | | | | 4 | | | | | | | | | | | 2 2.5 | |
| Epidermis, Hyperplasia | | | | | | | | | | | | | | | | | | 1 3.0 | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | |
| Bone | | + | + | + | | | + | + | + | | + | + | + | + | + | + | | 50 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | |
| Brain | | + | + | + | | | + | + | + | | + | + | + | + | + | + | | 50 | |
| Compression | | | 2 | 4 | | | 3 | 2 | 3 | | 3 | | | | | | | 31 2.9 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | 3 3.0 | |
| Necrosis | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | 4 | |
| Spinal Cord | | | | | | | | | | | | | | | | | | 4 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | |
| Lung | | + | + | + | | | + | + | + | | + | + | + | + | + | + | | 50 | |
| Edema | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Hemorrhage | | | | | | | | | | | 3 | | | | | | | 4 2.3 | |
| Infiltration Cellular, Histiocyte | | | | | | | 1 | 1 | 3 | | 1 | | | | | | | 23 1.1 | |
| Inflammation, Chronic | | 1 | | | | | | | | | 1 | | | | 2 | 2 | | 14 1.2 | |
| Pigmentation, Hemosiderin | | 2 | | | | | | 2 | | | | | | | | 1 | | 11 1.4 | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | 2 | | | | 1 | | | | | 3 1.3 | |

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

0 MG/KG | DAY ON TEST | 0
7
3
1 | 0
6
4
8 | 0
5
9
7 | 0
0
9
1 | 0
0
9
1 | 0
7
0
2 | 0
7
3
2 | 0
7
3
5 | 0
0
1
5 | 0
7
3
2 | 0
5
9
8 | 0
7
3
2 | 0
7
3
1 | 0
7
3
2 | 0
7
3
1 | |
|--|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------|
| | ANIMAL ID | 0
0
3
1
1 | 0
0
3
1
2 | 0
0
3
1
3 | 0
0
3
1
4 | 0
0
3
1
5 | 0
0
3
1
6 | 0
0
3
1
7 | 0
0
3
1
8 | 0
0
3
1
9 | 0
0
3
2
0 | 0
0
3
2
1 | 0
0
3
2
2 | 0
0
3
2
3 | 0
0
3
2
4 | 0
0
3
2
5 | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Nose | | + | + | + | | | + | + | + | | + | + | + | + | + | + | 50 |
| Foreign Body | | | | | | | | | | | | | | X | | | 5 |
| Inflammation, Chronic | | | | | | | | | | | | | | 2 | | | 8 1.4 |
| Respiratory Epithelium, Hyperplasia | | | | | | | | | | | | | | 1 | | | 2 1.0 |
| Respiratory Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | | | 2 2.0 |
| Trachea | | + | + | + | | | + | + | + | | + | + | + | + | + | + | 50 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | |
| Eye | | + | + | + | | | + | + | + | | + | + | + | + | + | + | 50 |
| Cataract | | | | | | | | | | | | | | | | | 2 3.0 |
| Inflammation, Acute | | | | | | | | | | | | | | | | | 2 2.0 |
| Cornea, Hyperplasia | | | | | | | | | | | | | | | | | 1 2.0 |
| Retina, Degeneration | | | | | | | 1 | | | 1 | | | | | | | 6 2.2 |
| Harderian Gland | | + | + | + | | | + | + | + | | + | + | + | + | + | + | 50 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | 1 2.0 |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | |
| Kidney | | + | + | + | | | + | + | + | | + | + | + | + | + | + | 50 |
| Cyst | | | | | | | | | | 3 | | | | | | | 1 3.0 |
| Infarct | | | | | | | | | | | | | | | | | 1 1.0 |
| Nephropathy | | 1 | 1 | 2 | | | 2 | 2 | 2 | | 3 | 1 | 1 | 1 | | 1 | 38 1.6 |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | | 2 | | | | | | | 2 2.0 |
| Renal Tubule, Dilatation | | | | | | | 2 | | | | | | | | | | 2 2.0 |
| Renal Tubule, Pigmentation | | | | | | | 3 | | 2 | | | | | | | | 2 2.5 |
| Urinary Bladder | | + | + | + | | | + | + | + | | + | + | + | + | + | + | 50 |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE | | DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|-------------------------|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| | | 7 | 6 | 5 | 0 | 0 | 7 | 7 | 7 | 0 | 7 | 5 | 7 | 7 | 7 | | |
| 0 MG/KG | | 3 | 4 | 9 | 9 | 9 | 0 | 3 | 3 | 1 | 3 | 9 | 3 | 3 | 3 | 3 | |
| | | 1 | 8 | 7 | 1 | 1 | 2 | 2 | 5 | 5 | 2 | 8 | 2 | 1 | 2 | 1 | |
| ANIMAL ID | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 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 | |
| | | | | | | | | | | | | | | | | | |
| * TOTALS | | | | | | | | | | | | | | | | | |
| Edema1 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE
0.3 MG.KG | DAY ON TEST | |
|--------------------------------------|-------------|----------------------|
| | 0626 | 0655 | 0732 | 0733 | 0735 | 0735 | 0734 | 0732 | 0739 | 0735 | 0731 | 0735 | 0732 | 0735 | 0735 | 0735 | 0737 | 0739 | 0730 | 0735 | 0735 | 0735 | 0735 | 0735 | 0735 | 0735 | 0735 | 0735 | 0735 | 0735 | |
| ANIMAL ID | 00326 | 00327 | 00328 | 00329 | 00330 | 00331 | 00332 | 00333 | 00334 | 00335 | 00336 | 00337 | 00338 | 00339 | 00340 | 00341 | 00342 | 00343 | 00344 | 00345 | 00346 | 00347 | 00348 | 00349 | 00350 | 00351 | 00352 | 00353 | 00354 | 00355 | females
(cont...) |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|--|---|--|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | | + | | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | | + | | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | | + | | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | | + | | + |
| Intestine Small, Duodenum
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | | + | | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | | + | | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | A | | + | | + |
| Liver | + | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | | + | | + |
| Angiectasis | | | | | | | | | | | | 3 | | | | 2 | | | | | | | |
| Basophilic Focus | X | X | X | X | X | X | X | X | X | X | | X | X | X | X | X | X | X | X | | X | | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatodiaphragmatic Nodule | X | | X | X | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mixed Cell | | | | | 1 | | | | | | | | 1 | | | 1 | | | | | | | |
| Mixed Cell Focus | | | | | | | | | | X | | | X | | | | | | | | | | |
| Necrosis, Focal | 1 | | 1 | | | 1 | | | | | | | | | | | | | | | 1 | | |
| Bile Duct, Hyperplasia | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Centrilobular, Necrosis | | | | | | | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE
0.3 MG.KG | | DAY ON TEST | | females
(cont...) | | |
|---|--|----------------------|---|--|
| | | 0
6
2 | 0
6
5 | 0
7
3
2 | 0
7
3
5 | 0
7
3
5 | 0
7
3
5 | 0
7
3
4 | 0
7
3
2 | 0
7
3
9 | 0
7
3
5 | 0
7
3
1 | 0
7
3
5 | 0
7
3
2 | 0
7
3
5 | 0
7
3
5 | 0
7
3
5 | 0
6
9
7 | 0
6
5
0 | 0
6
1
5 | 0
6
5
5 | 0
6
1
5 | 0
3
6
6 | 0
6
3
8 | 0
6
3
9 | 0
0
9
1 | | | |
| | | 0
0
3
2
6 | 0
0
3
2
7 | 0
0
3
2
8 | 0
0
3
2
9 | 0
0
3
3
0 | 0
0
3
3
1 | 0
0
3
3
2 | 0
0
3
3
3 | 0
0
3
3
4 | 0
0
3
3
5 | 0
0
3
3
6 | 0
0
3
3
7 | 0
0
3
3
8 | 0
0
3
3
9 | 0
0
3
4
0 | 0
0
3
4
1 | 0
0
3
4
2 | 0
0
3
4
3 | 0
0
3
4
4 | 0
0
3
4
5 | 0
0
3
4
6 | 0
0
3
4
7 | 0
0
3
4
8 | 0
0
3
4
9 | 0
0
3
5
0 | | | |
| Hepatocyte, Vacuolization Cytoplasmic
Kupffer Cell, Pigmentation | | 3 | | 2 | | 3 | | | |
| Mesentery | | | | | | + | | + | | | | | | | | + | | + | | | | | | + | | | | + | |
| Hemorrhage | | | | |
| Fat, Necrosis | | | | | | 3 | | 3 | | | | 3 | | | | 1 | | | | | | 3 | | | | 3 | | | |
| Pancreas | | + | | + | | + | | + | | + | | + | | + | | + | | + | | + | | + | | | | + | | | |
| Atrophy | | | | 3 | | 1 | | | | 2 | | | | | | | | 1 | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | |
| Metaplasia, Hepatocyte | | | | |
| Acinus, Cytoplasmic Alteration | | | | |
| Acinus, Hyperplasia, Focal | | | | | | | | | | | | | | | | 2 | | | | 1 | | | | | | | | | |
| Salivary Glands | | + | | + | | + | | + | | + | | + | | + | | + | | + | | + | | + | | | | + | | | |
| Atrophy | | 2 | | | | 1 | | | | | | | | | | 2 | | | | | | | | | | | | | |
| Stomach, Forestomach | | + | | + | | + | | + | | + | | + | | + | | + | | + | | + | | + | | | | + | | | |
| Edema | | | 3 | | | |
| Erosion | | | | |
| Inflammation, Chronic Active | | | | |
| Ulcer | | | 4 | | | |
| Epithelium, Hyperplasia | | | 2 | | | |
| Stomach, Glandular | | + | | + | | + | | + | | + | | + | | + | | + | | + | | + | | + | | | | + | | | |
| Erosion | | 1 | | | |
| Glands, Hyperplasia | | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

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

CARDIOVASCULAR SYSTEM

Blood Vessel

Heart

Cardiomyopathy

Thrombosis

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

ENDOCRINE SYSTEM

Adrenal Cortex

Accessory Adrenal Cortical Nodule

Atrophy

Degeneration, Fatty

Hemorrhage

Hyperplasia, Focal

Hypertrophy, Focal

Necrosis

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

Adrenal Medulla

Hyperplasia

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|--|---|--|--|---|
| + | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | | + | | | + |
| 1 | | | | | | | 1 | | 1 | | | | | | | | | | | | | | |

Islets, Pancreatic

Hyperplasia

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|--|---|--|--|---|
| + | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | | + | | | + |
|---|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|--|---|--|--|---|

Parathyroid Gland

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

Pituitary Gland

Pars Distalis, Angiectasis

Pars Distalis, Cyst

Pars Distalis, Hyperplasia

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|--|---|--|--|---|
| + | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | | + | | | + |
| | | | | | 4 | | | | | | | | | | | | | | | | | | 3 |
| | | 3 | 3 | | | | 3 | 3 | | | | | 3 | | 3 | | | | | | | | |
| | | | | | | | | | | | | | 3 | | | | | | | | | | 3 |

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

0.3 MG.KG | DAY ON TEST | | females
(cont...) |
|---|-------------|----------------------|
| | 062 | 065 | 067 | |
| ANIMAL ID | 00326 | 00327 | 00328 | 00329 | 00330 | 00331 | 00332 | 00333 | 00334 | 00335 | 00336 | 00337 | 00338 | 00339 | 00340 | 00341 | 00342 | 00343 | 00344 | 00345 | 00346 | 00347 | 00348 | 00349 | 00350 | females
(cont...) |
| Pars Intermedia, Angiectasis
Pars Intermedia, Cyst | | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | | + | | | + | | |
| Ultimobranchial Cyst | | |
| C-cell, Hyperplasia | | |
| Follicle, Cyst | | |
| GENERAL BODY SYSTEM | | |
| Tissue NOS | | |
| GENITAL SYSTEM | | |
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | | + | | | + | | |
| Cyst | | |
| Hyperplasia | | |
| Inflammation, Chronic | | |
| Ovary | + | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | | + | | | + | | |
| Cyst | | |
| Uterus | + | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | | + | | | + | | |
| Hyperplasia, Cystic | | |
| Cervix, Myometrium, Hypertrophy | | |
| Vagina | | |
| HEMATOPOIETIC SYSTEM | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | | + | | | + | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE
0.3 MG.KG | | DAY ON TEST | | females
(cont...) | |
|--------------------------------------|--|-------------|----------------------|------|
| | | 0626 | 0655 | 0772 | 0773 | 0775 | 0777 | 0778 | 0779 | 0780 | 0781 | 0782 | 0783 | 0784 | 0785 | 0786 | 0787 | 0788 | 0789 | 0790 | 0791 | 0792 | 0793 | 0794 | 0795 | 0796 | | 0797 |
| | | 00326 | 00327 | 00328 | 00329 | 00330 | 00331 | 00332 | 00333 | 00334 | 00335 | 00336 | 00337 | 00338 | 00339 | 00340 | 00341 | 00342 | 00343 | 00344 | 00345 | 00346 | 00347 | 00348 | 00349 | 00350 | | |
| ANIMAL ID | | 00326 | 00327 | 00328 | 00329 | 00330 | 00331 | 00332 | 00333 | 00334 | 00335 | 00336 | 00337 | 00338 | 00339 | 00340 | 00341 | 00342 | 00343 | 00344 | 00345 | 00346 | 00347 | 00348 | 00349 | 00350 | | |
| Hyperplasia | | 2 | 3 | |
| Myelofibrosis | | | | |
| Lymph Node | | | | |
| Mediastinal, Ectasia | | | | |
| Mediastinal, Hemorrhage | | | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | |
| Mediastinal, Pigmentation | | | | |
| Lymph Node, Mandibular | | M | M | | |
| Lymph Node, Mesenteric | | + | + | | |
| Hemorrhage | | | | |
| Hyperplasia, Lymphoid | | | | |
| Pigmentation | | | | |
| Spleen | | + | + | | |
| Hematopoietic Cell Proliferation | | | | |
| Pigmentation | | | | |
| Lymphoid Follicle, Atrophy | | | | |
| Thymus | | + | + | | |
| INTEGUMENTARY SYSTEM | | | | |
| Mammary Gland | | | | |
| Hyperplasia | | | | |
| Inflammation, Chronic | | | | |
| Skin | | | | |
| Edema | | | | |

* .. 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

Date Report Requested: 03/31/2010
Time Report Requested: 13:41:41
First Dose M/F: 01/18/05 / 01/18/05
Lab: SRI

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE
0.3 MG.KG | DAY ON TEST | |
|--|-------------|
| | 0662 | 0655 | 0673 | 0673 | 0675 | 0677 |
| ANIMAL ID | 00326 | 00327 | 00328 | 00329 | 00330 | 00331 | 00332 | 00333 | 00334 | 00335 | 00336 | 00337 | 00338 | 00339 | 00340 | 00341 | 00342 | 00343 | 00344 | 00345 | 00346 | 00347 | 00348 | 00349 | 00350 | 00351 | 00352 | 00353 |
| Pigmentation, Hemosiderin | |
| Alveolar Epithelium, Hyperplasia | |
| Nose | + | + |
| Foreign Body | |
| Inflammation, Chronic | 1 |
| Respiratory Epithelium, Hyperplasia | 1 |
| Respiratory Epithelium, Metaplasia, Squamous | |
| Trachea | + | + |
| SPECIAL SENSES SYSTEM | |
| Eye | + | + |
| Cataract | 2 |
| Inflammation, Acute | 2 |
| Retina, Degeneration | 3 | | 2 | |
| Harderian Gland | + | + |
| Inflammation, Chronic | |
| Zymbal's Gland | + |
| URINARY SYSTEM | |
| Kidney | + | + |
| Infarct | |
| Nephropathy | 2 | | 1 | 2 | 3 | | 2 | 3 | 3 | | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Accumulation, Hyaline Droplet | 2 |
| Renal Tubule, Necrosis | |
| Renal Tubule, Pigmentation | |

* .. 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

Date Report Requested: 03/31/2010
Time Report Requested: 13:41:41
First Dose M/F: 01/18/05 / 01/18/05
Lab: SRI

TDMS No. 88133 - 07
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Trimethylolpropane triacrylate

CAS Number: 15625-89-5

Date Report Requested: 03/31/2010

Time Report Requested: 13:41:41

First Dose M/F: 01/18/05 / 01/18/05

Lab: SRI[illegible]

ALIMENTARY SYSTEM

[illegible]

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

+ .. Tissue examined microscopically

X .. Lesion present

1 .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE
0.3 MG.KG | DAY ON TEST | 0
7
0
4 | 0
7
3
5 | 0
7
1
5 | 0
7
3
5 | 0
0
9
1 | 0
7
3
1 | 0
7
4 | 0
7
3
5 | 0
7
2 | 0
3
6 | 0
7
3
2 | 0
7
3
5 | 0
0
3
1 | 0
7
3
5 | 0
0
3
2 | 0
7
3
6 | 0
7
3
1 | 0
7
3
2 | 0
7
3
5 | 0
6
2
2 | 0
7
3
1 | 0
6
8
0 | 0
3
9
9 | 0
0
9
1 | females
(cont...) | |
|---------------------------------------|-------------|----------------------|-----------------------|
| | ANIMAL ID | 0
0
3
5
1 | 0
0
3
5
2 | 0
0
3
5
3 | 0
0
3
5
4 | 0
0
3
5
5 | 0
0
3
5
6 | 0
0
3
5
7 | 0
0
3
5
8 | 0
0
3
5
9 | 0
0
3
6
0 | 0
0
3
6
1 | 0
0
3
6
2 | 0
0
3
6
3 | 0
0
3
6
4 | 0
0
3
6
5 | 0
0
3
6
6 | 0
0
3
6
7 | 0
0
3
6
8 | 0
0
3
7
9 | 0
0
3
7
0 | 0
0
3
7
1 | 0
0
3
7
2 | 0
0
3
7
3 | 0
0
3
7
4 | | 0
0
3
7
5 |
| | | | |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | | | 3 | | | | | | | | | 3 | | | | | | | | | | |
| Kupffer Cell, Pigmentation | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | + | | | | + | + | | | | | | | | | | | + | | | | + | | | |
| Hemorrhage | | | 3 | | | |
| Fat, Necrosis | | | | 2 | | | | 3 | 3 | | | | | | | | | | | 3 | | | | | | | |
| Pancreas | | + | + | + | + | | + | + | + | + | | + | + | | + | | + | + | + | + | + | + | + | + | + | | |
| Atrophy | | | 1 | 1 | | | | | | | | 1 | 1 | | 1 | | | | | | 1 | | | 2 | | | |
| Cyst | | 3 | | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| Metaplasia, Hepatocyte | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | |
| Acinus, Cytoplasmic Alteration | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | |
| Acinus, Hyperplasia, Focal | | | |
| Salivary Glands | | + | + | + | + | | + | + | + | + | | + | + | | + | | + | + | + | + | + | + | + | + | + | | |
| Atrophy | | 2 | | | | | | 2 | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | + | + | + | + | | + | + | + | + | | + | + | | + | | + | + | + | + | + | + | + | + | + | | |
| Edema | | | 3 | | | | | |
| Erosion | | 2 | | |
| Inflammation, Chronic Active | | 3 | | | | | | | | | | | | | | | | | | | | 3 | | | | | |
| Ulcer | | | |
| Epithelium, Hyperplasia | | 3 | | | | | | | | | | | | | | | | | | | | 3 | | | | | |
| Stomach, Glandular | | + | + | + | + | | + | + | + | + | | + | + | | + | | + | + | + | + | + | + | + | + | + | | |
| Erosion | | | | | | | | 2 | | | | | | | | | | | | | | 2 | | 1 | | | |
| Glands, Hyperplasia | | | |
| 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE | DAY ON TEST | |
|-------------------------|
| | 0
7
0
4 | 0
7
3
5 | 0
7
1
5 | 0
7
3
5 | 0
0
9
1 | 0
7
3
1 | 0
7
1
4 | 0
7
3
5 | 0
7
3
2 | 0
7
3
6 | 0
7
3
2 | 0
7
3
5 | 0
0
9
1 | 0
7
3
5 | 0
0
7
5 | 0
7
3
2 | 0
0
7
6 | 0
7
3
1 | 0
7
3
2 | 0
7
3
5 | 0
6
2
2 | 0
7
3
1 | 0
6
8
0 | 0
3
9
9 |
| 0.3 MG.KG | 0
0
3
5
1 | 0
0
3
5
2 | 0
0
3
5
3 | 0
0
3
5
4 | 0
0
3
5
5 | 0
0
3
5
6 | 0
0
3
5
7 | 0
0
3
5
8 | 0
0
3
5
9 | 0
0
3
6
0 | 0
0
3
6
1 | 0
0
3
6
2 | 0
0
3
6
3 | 0
0
3
6
4 | 0
0
3
6
5 | 0
0
3
6
6 | 0
0
3
6
7 | 0
0
3
6
8 | 0
0
3
6
9 | 0
0
3
6
0 | 0
0
3
7
1 | 0
0
3
7
2 | 0
0
3
7
3 | 0
0
3
7
4 |
| ANIMAL ID | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 |
| | females
(cont...) | |

CARDIOVASCULAR SYSTEM

Blood Vessel

+

Heart

Cardiomyopathy

Thrombosis

Adrenal Cortex

Accessory Adrenal Cortical Nodule

Atrophy

Degeneration, Fatty

Hemorrhage

Hyperplasia, Focal

Hypertrophy, Focal

Necrosis

Adrenal Medulla

Hyperplasia

Islets, Pancreatic

Hyperplasia

Parathyroid Gland

Pituitary Gland

Pars Distalis, Angiectasis

Pars Distalis, Cyst

Pars Distalis, Hyperplasia

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE
0.3 MG.KG | | DAY ON TEST | | | | | females
(cont...) |
|---|--|-----------------------|--|---|--|----------------------|
| | | 0
7
0
4 | 0
7
3
5 | 0
7
1
5 | 0
7
3
5 | 0
0
9
1 | 0
7
3
1 | 0
7
1
4 | 0
7
3
5 | 0
7
3
2 | 0
7
3
6 | 0
7
3
3 | 0
0
7
1 | 0
7
3
5 | 0
0
7
5 | 0
7
3
2 | 0
0
7
6 | 0
7
3
1 | 0
7
3
2 | 0
7
3
5 | 0
6
2
2 | 0
7
3
1 | 0
6
8
0 | 0
3
9
9 | 0
0
9
1 | | | | | |
| ANIMAL ID | | 0
0
3
5
1 | 0
0
3
5
2 | 0
0
3
5
3 | 0
0
3
5
4 | 0
0
3
5
5 | 0
0
3
5
6 | 0
0
3
5
7 | 0
0
3
5
8 | 0
0
3
5
9 | 0
0
3
6
0 | 0
0
3
6
1 | 0
0
3
6
2 | 0
0
3
6
3 | 0
0
3
6
4 | 0
0
3
6
5 | 0
0
3
6
6 | 0
0
3
6
7 | 0
0
3
6
8 | 0
0
3
6
9 | 0
0
3
7
0 | 0
0
3
7
1 | 0
0
3
7
2 | 0
0
3
7
3 | 0
0
3
7
4 | 0
0
3
7
5 | | | | |
| Pars Intermedia, Angiectasis | | 3 | | 3 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Pars Intermedia, Cyst | | | | 3 | | |
| Thyroid Gland | | + | + | + | + | | + | + | + | + | | + | + | | + | | + | + | + | + | + | + | + | + | | | | | | |
| Ultimobranchial Cyst | | | | | | 3 | | | | |
| C-cell, Hyperplasia | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | |
| Follicle, Cyst | | | | | | |
| GENERAL BODY SYSTEM | | | | | | |
| Tissue NOS | | + | | | | |
| GENITAL SYSTEM | | | | | | |
| Clitoral Gland | | + | + | + | + | | + | + | + | + | | + | + | | + | | + | + | + | + | + | + | + | + | + | | | | | |
| Cyst | | | 3 | | | | | |
| Hyperplasia | | | | | 2 | | | | | | | | 2 | | | | | | | | | | | | 1 | | | | | |
| Inflammation, Chronic | | 4 | | 2 | | | | | | | | | | | | | | | | 2 | | | 3 | | | | | | | |
| Ovary | | + | + | + | + | | + | + | + | + | | + | + | | + | | + | + | + | + | + | + | + | + | + | | | | | |
| Cyst | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | | | | | |
| Uterus | | + | + | + | + | | + | + | + | + | | + | + | | + | | + | + | + | + | + | + | + | + | + | | | | | |
| Hyperplasia, Cystic | | | | | | | | | | | | | | | | | | | | | 3 | | 3 | | | | | | | |
| Cervix, Myometrium, Hypertrophy | | | | | | |
| Vagina | | | | + | | | | + | | | | | | | | | | | | | | | | | | | | | | |
| HEMATOPOIETIC SYSTEM | | | | | | |
| Bone Marrow | | + | + | + | + | | + | + | + | + | | + | + | | + | | + | + | + | + | + | + | + | + | + | | | | | |
| <div><div>* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade</div><div>+ .. Tissue examined microscopically</div><div>X .. Lesion present</div><div>I .. Insufficient tissue</div><div>M .. Missing tissue</div><div>A .. Autolysis precludes evaluation</div><div>BLANK .. Not examined microscopically</div><div>1-4 .. Lesion qualified as:</div><div>1) Minimal 3) Moderate</div><div>2) Mild 4) Marked</div></div> | | | | | | |

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE
0.3 MG.KG | | DAY ON TEST | | | | | females
(cont...) |
|--------------------------------------|--|-----------------------|--|--|--|----------------------|
| | | 0
7
0
4 | 0
7
3
5 | 0
7
1
5 | 0
7
3
5 | 0
0
9
1 | 0
7
3
1 | 0
7
1
4 | 0
7
3
5 | 0
7
3
2 | 0
3
6
6 | 0
7
3
2 | 0
0
9
5 | 0
7
3
1 | 0
0
1
5 | 0
7
3
2 | 0
3
6
6 | 0
7
3
1 | 0
7
3
2 | 0
7
3
5 | 0
6
2
2 | 0
7
3
1 | 0
6
8
0 | 0
3
9
9 | 0
0
9
1 | | | | | |
| | | 0
0
3
5
1 | 0
0
3
5
2 | 0
0
3
5
3 | 0
0
3
5
4 | 0
0
3
5
5 | 0
0
3
5
6 | 0
0
3
5
7 | 0
0
3
5
8 | 0
0
3
5
9 | 0
0
3
6
0 | 0
0
3
6
1 | 0
0
3
6
2 | 0
0
3
6
3 | 0
0
3
6
4 | 0
0
3
6
5 | 0
0
3
6
6 | 0
0
3
6
7 | 0
0
3
6
8 | 0
0
3
6
9 | 0
0
3
7
0 | 0
0
3
7
1 | 0
0
3
7
2 | 0
0
3
7
3 | 0
0
3
7
4 | 0
0
3
7
5 | | | | |
| Hyperplasia
Myelofibrosis | | 3 | | | | 2 | | | | 3 | | | | | | | | | | 3 | | | | | | | | | | |
| Lymph Node | | | | + | | + | | | | + | | | | | | + | | | | + | | | | | | | | | | |
| Mediastinal, Ectasia | | | | | | | | 4 | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Hemorrhage | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | 2 | | 3 | | | | | | | | 1 | | | | | | 3 | | | | | | | | | | |
| Mediastinal, Pigmentation | | | | 2 | | | | | | | | | | 2 | | | | | | 2 | | | | | | | | | | |
| Lymph Node, Mandibular | | M | M | M | M | | M | M | M | M | | M | M | | M | M | | M | M | M | M | M | M | M | M | | | | | |
| Lymph Node, Mesenteric | | + | + | + | + | | + | + | + | + | | + | + | | + | + | | + | + | + | + | + | + | + | + | | | | | |
| Hemorrhage | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Lymphoid | | | | 2 | | | | | | | | | | 2 | | 2 | | | | 2 | | | | 2 | | | | | | |
| Pigmentation | | | | | | |
| Spleen | | + | + | + | + | | + | + | + | + | | + | + | | + | + | | + | + | + | + | + | + | + | | | | | | |
| Hematopoietic Cell Proliferation | | 3 | | | 2 | | 2 | | | | | | | | 2 | | | + | + | + | + | + | + | 4 | | | | | | |
| Pigmentation | | | | | | | | | | 3 | | | | | | | | | | 3 | | | | | | | | | | |
| Lymphoid Follicle, Atrophy | | | | | | 3 | | | | |
| Thymus | | + | + | + | + | | + | + | + | + | | + | M | | + | + | | + | I | + | + | + | + | + | | | | | | |
| INTEGUMENTARY SYSTEM | | | | | | |
| Mammary Gland | | + | + | + | + | | + | + | + | + | | + | + | | + | + | | + | + | + | + | + | + | + | + | | | | | |
| Hyperplasia | | 3 | 2 | 3 | 2 | | 3 | 4 | 3 | 3 | | 3 | 2 | | 2 | 2 | | 2 | 2 | 2 | 3 | 3 | 3 | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | |
| Skin | | + | + | + | + | | + | + | + | + | | + | + | | + | + | | + | + | + | + | + | + | + | | | | | | |
| Edema | | | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|--|---|---|---|---|--|---|---|--|---|---|---|---|---|---|---|---|---|---|---|--|--|--|
| Mammary Gland | + | + | + | + | | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | + | + | + | | | |
| Hyperplasia | 3 | 2 | 3 | 2 | | 3 | 4 | 3 | 3 | | 3 | 2 | | 2 | 2 | | 2 | 2 | 2 | 3 | 3 | 3 | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | |
| Skin | + | + | + | + | | + | + | + | + | | + | + | | + | + | | + | + | + | + | + | + | + | + | | | |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE
0.3 MG.KG | DAY ON TEST | | females
(cont...) |
|---|----------------------|
| | 0
7
0
4 | 0
7
3
5 | 0
7
1
5 | 0
7
3
5 | 0
0
9
1 | 0
7
3
1 | 0
7
1
4 | 0
7
3
5 | 0
7
3
2 | 0
7
3
6 | 0
7
3
3 | 0
7
3
5 | 0
0
1
5 | 0
7
3
1 | 0
0
5
5 | 0
7
3
2 | 0
0
1
6 | 0
7
3
6 | 0
7
3
1 | 0
7
3
2 | 0
7
3
5 | 0
6
2
2 | 0
7
3
1 | 0
6
8
0 | 0
3
9
9 | |
| ANIMAL ID | 0
0
3
5
1 | 0
0
3
5
2 | 0
0
3
5
3 | 0
0
3
5
4 | 0
0
3
5
5 | 0
0
3
5
6 | 0
0
3
5
7 | 0
0
3
5
8 | 0
0
3
5
9 | 0
0
3
5
0 | 0
0
3
6
1 | 0
0
3
6
2 | 0
0
3
6
3 | 0
0
3
6
4 | 0
0
3
6
5 | 0
0
3
6
6 | 0
0
3
6
7 | 0
0
3
6
8 | 0
0
3
6
9 | 0
0
3
7
0 | 0
0
3
7
1 | 0
0
3
7
2 | 0
0
3
7
3 | 0
0
3
7
4 | 0
0
3
7
5 | |
| Ulcer | | | | | | | | | 4 | | | | | | | | | | | | | | | | | |
| Epidermis, Hyperplasia | | | | 3 | | | | | 3 | | | | | | | | | | | | | | | | | |
| Epidermis, Site Of Application, Hyperplasia | | | | | | | | | | | | | 1 | | | | | | 1 | | | | | | | |
| Site Of Application, Hyperkeratosis | 1 | | 1 | | | | | | | | | | 1 | | | | | | 1 | | | | | | | |
| Site Of Application, Ulcer | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|--|---|---|---|---|--|---|---|--|---|--|---|---|---|---|---|---|---|---|---|--|
| Bone | + | + | + | + | | + | + | + | + | | + | + | | + | | + | + | + | + | + | + | + | + | + | |
| Femur, Osteopetrosis | | | | | | | 4 | | | | | | | | | | | | | | | | | | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|---|---|---|--|---|---|---|---|--|---|---|--|---|--|---|---|---|---|---|---|---|---|---|--|
| Brain | + | + | + | + | | + | + | + | + | | + | + | | + | | + | + | + | + | + | + | + | + | + | |
| Compression | | | 4 | | | | | | 3 | | | | | 2 | | | | 3 | | | 4 | | | 3 | |
| Hemorrhage | | | 3 | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Peripheral Nerve | + | | + | | | | | | | | | | | | | | | | | | | | | | |
| Spinal Cord | + | | + | | | | | | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|--|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Lung | + | + | + | + | | + | + | + | + | | + | + | | + | | + | + | + | + | + | + | + | + | + | |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | | 1 | | 1 | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | 1 | | 1 | | 1 | | | | | 1 | | | | 1 | | | | | | 1 | | |
| Inflammation, Chronic | | 1 | | | | 1 | | | | | 1 | | 1 | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE
0.3 MG.KG | | DAY ON TEST | | 0 | females
(cont...) |
|---|--|-------------|--|----------------------|
| | | | | 7 | 7 | 7 | 7 | 0 | 7 | 7 | 7 | 7 | 3 | 7 | 7 | 0 | 7 | 3 | 7 | 7 | 7 | 6 | 7 | 6 | 3 | 8 | 9 | 9 | |
| | | | | 4 | 5 | 5 | 5 | 1 | 1 | 4 | 5 | 2 | 6 | 2 | 5 | 1 | 5 | 5 | 2 | 6 | 1 | 2 | 5 | 2 | 1 | 0 | 9 | 1 | |
| | | ANIMAL ID | | 0 | |
| | | | | 0 | | |
| | | | | 3 | | |
| | | | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |
| Pigmentation, Hemosiderin | | | | 2 | | | | 1 | | | | 1 | | 1 | | | | 2 | | 1 | | 1 | | | | 1 | | | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | 2 | | 1 | | | | | | | | 1 | | | | | | | | | | | |
| Nose | | | | + | + | + | + | | | + | + | + | + | | | + | | | + | + | + | + | + | + | + | + | + | | |
| Foreign Body | | | | X | | X | | | |
| Inflammation, Chronic | | | | 3 | | | | 2 | | | | | | | | | | | | | | | | 1 | | | | | |
| Respiratory Epithelium, Hyperplasia | | | | 1 | | | | | |
| Respiratory Epithelium, Metaplasia, Squamous | | | | 1 | | | | | |
| Trachea | | | | + | + | + | + | | | + | + | + | + | | | + | | | + | + | + | + | + | + | + | + | + | | |
| SPECIAL SENSES SYSTEM | | | | |
| Eye | | | | + | + | + | + | | | + | + | + | + | | | + | | | + | + | + | + | + | + | + | + | + | | |
| Cataract | | | | 3 | | | 1 | | | | | 2 | | | | | | | | | | | | | | | | | |
| Inflammation, Acute | | | | |
| Retina, Degeneration | | | | 4 | | | 3 | | | | | 3 | | | | | | | 3 | | | | 2 | | | | | | |
| Harderian Gland | | | | + | + | + | + | | | + | + | + | + | | | + | | | + | + | + | + | + | + | + | + | + | | |
| Inflammation, Chronic | | | | | | 3 | |
| Zymbal's Gland | | | | |
| URINARY SYSTEM | | | | |
| Kidney | | | | + | + | + | + | | | + | + | + | + | | | + | | | + | + | + | + | + | + | + | + | + | | |
| Infarct | | | | |
| Nephropathy | | | | 1 | 2 | 1 | 1 | | | 1 | 2 | 2 | | | 1 | | | 1 | | | 2 | 2 | 1 | 3 | 1 | 1 | | | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | |
| Renal Tubule, Necrosis | | | | |
| Renal Tubule, Pigmentation | | | | |
| * .. 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 | | | | |

TDMS No. 88133 - 07
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Trimethylolpropane triacrylate
CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
Time Report Requested: 13:41:41
First Dose M/F: 01/18/05 / 01/18/05
Lab: SRI

| FISCHER 344 RATS FEMALE

0.3 MG.KG | | DAY ON TEST | | females
(cont...) | | | |
|--|--|------------------|----------------------|-----------------------|-----------------------|--|
| | | 0
7
0
4 | 0
7
3
5 | 0
7
1
5 | 0
7
3
5 | 0
7
9
1 | 0
7
3
1 | 0
7
1
4 | 0
7
3
5 | 0
7
3
2 | 0
7
6
6 | 0
7
3
2 | 0
7
9
1 | 0
7
3
5 | 0
7
1
2 | 0
7
3
6 | 0
7
3
1 | 0
7
3
2 | 0
7
3
5 | 0
6
2
2 | 0
7
3
1 | 0
6
8
0 | 0
3
9
9 | 0
0
9
1 | | | | | |
| | | ANIMAL ID | 0
0
3
5
1 | 0
0
3
5
2 | 0
0
3
5
3 | 0
0
3
5
4 | 0
0
3
5
5 | 0
0
3
5
6 | 0
0
3
5
7 | 0
0
3
5
8 | 0
0
3
5
9 | 0
0
3
6
0 | 0
0
3
6
1 | 0
0
3
6
2 | 0
0
3
6
3 | 0
0
3
6
4 | 0
0
3
6
5 | 0
0
3
6
6 | 0
0
3
6
7 | 0
0
3
6
8 | 0
0
3
6
9 | 0
0
3
7
0 | 0
0
3
7
1 | 0
0
3
7
2 | 0
0
3
7
3 | | 0
0
3
7
4 | 0
0
3
7
5 | |
| Transitional Epithelium, Hyperplasia | | | | | | |
| Urinary Bladder | | + | + | + | + | | + | + | + | + | | + | + | | + | | + | | + | + | + | + | + | + | + | | | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| | | | | | | | | | | | | | | | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| FISCHER 344 RATS FEMALE

0.3 MG.KG | DAY ON TEST | 0731 | 0366 | 0639 | 0366 | 0732 | 0015 | 0732 | 0735 | 0738 | 0577 | 0732 | 0731 | 0594 | 0015 | | |
| | ANIMAL ID | 00376 | 00377 | 00378 | 00379 | 00380 | 00381 | 00382 | 00383 | 00384 | 00385 | 00386 | 00387 | 00388 | 00389 | 00390 | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | * TOTALS |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Intestine Large, Cecum | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 49 | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Intestine Large, Rectum | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 49 | |
| Intestine Small, Duodenum
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | 1 2.0 |
| Intestine Small, Ileum | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 49 | |
| Intestine Small, Jejunum | + | + | + | + | + | + | A | A | + | + | + | + | + | + | + | 47 | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Angiectasis | | | | | | | | | | | | | | | | 2 | 2.5 |
| Basophilic Focus | X | X | X | X | X | X | | | | | X | X | X | | | 45 | |
| Clear Cell Focus | X | | X | | | | | | | | X | | | | | 5 | |
| Eosinophilic Focus | | | X | | | | X | | | | | | | | | 9 | |
| Fatty Change | | | 3 | | | | 3 | | | | | | | | | 7 | 2.9 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | 2 | 1.0 |
| Hepatodiaphragmatic Nodule | | | | | | | | | | X | | | X | | | 9 | |
| Infiltration Cellular, Mixed Cell | | | | | | | | | | | | | | | | 7 | 1.3 |
| Mixed Cell Focus | | | | | X | | | | | | | X | X | | | 9 | |
| Necrosis, Focal | | | | | | | | | | | | | | | | 5 | 1.0 |
| Bile Duct, Hyperplasia | | | | | | | | | | | | | | | | 2 | 1.0 |
| Centrilobular, Necrosis | | | | | | | | | 3 | | | | | | | 3 | 2.7 |

* .. 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

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

0.3 MG.KG | | DAY ON TEST | 0
7
3
1 | 0
3
6
6 | 0
6
3
9 | 0
3
6
6 | 0
7
3
2 | 0
0
1
5 | 0
7
3
2 | 0
7
3
5 | 0
7
3
2 | 0
7
5
8 | 0
7
3
2 | 0
7
3
1 | 0
5
9
4 | 0
0
1
5 | | | | | |
|---|--|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|-----|-----|--|
| | | ANIMAL ID | 0
0
3
7
6 | 0
0
3
7
7 | 0
0
3
7
8 | 0
0
3
7
9 | 0
0
3
8
0 | 0
0
3
8
1 | 0
0
3
8
2 | 0
0
3
8
3 | 0
0
3
8
4 | 0
0
3
8
5 | 0
0
3
8
6 | 0
0
3
8
7 | 0
0
3
8
8 | 0
0
3
8
9 | 0
0
3
9
0 | | | | |
| | | | | | | | | | | | | | | | | | | * TOTALS | | | |
| Hepatocyte, Vacuolization Cytoplasmic
Kupffer Cell, Pigmentation | | | | | | | 2 | | | | | 3 | | | | | | | 7 | 2.7 | |
| | | | | | | | | | | | | | | | | | | 1 | 3.0 | | |
| Mesentery | | | | | | | | | | | | + | | + | + | | | | 15 | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | 1 | 3.0 | | |
| Fat, Necrosis | | | | | | | | | | | | 3 | | 3 | 3 | | | | 13 | 2.8 | |
| Pancreas | | | + | | + | | + | | + | + | + | + | + | + | + | | | 50 | | | |
| Atrophy | | | | | 1 | | | | | | | | | 1 | | | | 13 | 1.3 | | |
| Cyst | | | | | | | | | | | | | | | | 3 | | 4 | 3.0 | | |
| Metaplasia, Hepatocyte | | | | | | | | | | | | | | | | | | 1 | 2.0 | | |
| Acinus, Cytoplasmic Alteration | | | | | 3 | | | | | | | | | | | | | 2 | 3.0 | | |
| Acinus, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | 2 | 1.5 | | |
| Salivary Glands | | | + | | + | | + | | + | + | + | + | + | + | + | | | 50 | | | |
| Atrophy | | | | | | | | | | | | | | | | | | 5 | 1.8 | | |
| Stomach, Forestomach | | | + | | + | | + | | + | + | + | + | + | + | + | | | 50 | | | |
| Edema | | | | | | | | | | | | | | | | | | 2 | 3.0 | | |
| Erosion | | | | | | | | | | | | | | | | | | 1 | 2.0 | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | 2 | 3.0 | | |
| Ulcer | | | | | | | | | | | | | | | | | | 1 | 4.0 | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | 3 | 2.7 | | |
| Stomach, Glandular | | | + | | + | | + | | + | + | + | + | + | + | + | | | 50 | | | |
| Erosion | | | | | | | | | | | | 3 | | | | | | 5 | 1.8 | | |
| Glands, Hyperplasia | | | | | 2 | | | | | | | | | | | | | 2 | 2.0 | | |
| Tongue | | | + | | | | | | | | | | | | | | | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | ANIMAL ID | |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 0.3 MG.KG | 7 | 3 | 6 | 3 | 7 | 0 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 5 | 0 | 0 | | |
| | 3 | 6 | 3 | 6 | 3 | 1 | 3 | 3 | 3 | 2 | 7 | 3 | 3 | 9 | 1 | | | |
| | 1 | 6 | 9 | 6 | 2 | 5 | 2 | 5 | 2 | 8 | 7 | 2 | 1 | 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 | 0 | 0 | 0 | 0 | | | |
| | 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 | 8 | | | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | | |
| * TOTALS | | | | | | | | | | | | | | | | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--------|
| Blood Vessel | | | | | | | | | | | | | | | | | 1 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 50 |
| Cardiomyopathy | 1 | 1 | 3 | 2 | 1 | 3 | 1 | 1 | 1 | 2 | | | | | | | 44 1.6 |
| Thrombosis | | | | | | | | | | 3 | | | | | | | 3 2.7 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | | | | | 50 |
| Accessory Adrenal Cortical Nodule | 3 | | | | | | | | | | | | | | | | 6 3.0 |
| Atrophy | | | | | | | | | | | | | | | | | 1 3.0 |
| Degeneration, Fatty | | 2 | 3 | | | 1 | 2 | 1 | | 1 | | | | | | | 23 2.0 |
| Hemorrhage | | | | | | | | | | | | | | | | | 1 2.0 |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | 6 1.8 |
| Hypertrophy, Focal | | | | | | | | | | | | | | | | | 11 1.6 |
| Necrosis | | | | | | | | | | | | | | | | | 1 1.0 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | 50 |
| Hyperplasia | | | | | | | | | | | | | | | | | 3 1.0 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | 50 |
| Hyperplasia | | | | | | | | | | | | | | | | | 1 1.0 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | 49 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | 50 |
| Pars Distalis, Angiectasis | 3 | | | | | | | | | | | | | | | | 10 2.9 |
| Pars Distalis, Cyst | | | 3 | 3 | | 3 | | | | | | | | | | | 18 3.0 |
| Pars Distalis, Hyperplasia | 2 | | 2 | | | | | | | | | | | | | | 11 2.4 |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE
0.3 MG.KG | | DAY ON TEST | 0
7
3
1 | 0
3
6
6 | 0
6
3
9 | 0
3
6
6 | 0
7
3
2 | 0
0
1
5 | 0
7
3
2 | 0
7
3
5 | 0
7
3
2 | 0
7
3
8 | 0
5
7
2 | 0
7
3
2 | 0
7
3
1 | 0
5
9
4 | 0
0
1
5 | | | | |
|--------------------------------------|--|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----|-----|-----|-----|
| | | ANIMAL ID | 0
0
3
7
6 | 0
0
3
7
7 | 0
0
3
7
8 | 0
0
3
7
9 | 0
0
3
8
0 | 0
0
3
8
1 | 0
0
3
8
2 | 0
0
3
8
3 | 0
0
3
8
4 | 0
0
3
8
5 | 0
0
3
8
6 | 0
0
3
8
7 | 0
0
3
8
8 | 0
0
3
8
9 | 0
0
3
9
0 | | | | |
| | | * TOTALS | | | | | | | | | | | | | | | | | | | |
| Pars Intermedia, Angiectasis | | 3 | | | | | | | | | | | | | | | | 5 | 2.6 | | |
| Pars Intermedia, Cyst | | | | | | | | | | | | | | | | | | 1 | 3.0 | | |
| Thyroid Gland | | + | | + | | + | | | + | + | + | + | + | + | + | + | | 50 | | | |
| Ultimobranchial Cyst | | | | | | | | | | | | | | | | | | 1 | 3.0 | | |
| C-cell, Hyperplasia | | 1 | | | | | | | 1 | 2 | | | | | | | | 8 | 1.3 | | |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | 1 | 3.0 | | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| Tissue NOS | | | | | | | | | | | | | | | | | | 1 | | | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| Clitoral Gland | | + | | + | | + | | + | + | + | + | + | + | + | + | | 50 | | | | |
| Cyst | | | | | | | | | | | | | | | | | | 2 | 3.0 | | |
| Hyperplasia | | 1 | | | | | | | | | | | | | | 1 | | 6 | 1.3 | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | 7 | 2.6 | | |
| Ovary | | + | | + | | + | | + | + | + | + | + | + | + | + | | 50 | | | | |
| Cyst | | | | | | | | | | | | | | | | | | 3 | | 5 | 3.0 |
| Uterus | | + | | + | | + | | + | + | + | + | + | + | + | + | | 50 | | | | |
| Hyperplasia, Cystic | | | | | | | | 1 | | | | | | | | | | | 7 | 2.0 | |
| Cervix, Myometrium, Hypertrophy | | | | | | | | | | | | | | | | 3 | | 1 | 3.0 | | |
| Vagina | | + | | | | | | | | | | | | | | | | | 5 | | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | | + | | + | | + | | + | + | + | + | + | + | + | + | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE
0.3 MG.KG | | DAY ON TEST | | | | | | | | | | | | | | | | ANIMAL ID | |
|--------------------------------------|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|-----------|--|
| | | 0731 | 0366 | 0639 | 0366 | 0732 | 0015 | 0732 | 0735 | 0732 | 0728 | 0577 | 0732 | 0731 | 0594 | 0015 | | | |
| | | 00376 | 00377 | 00378 | 00379 | 00380 | 00381 | 00382 | 00383 | 00384 | 00385 | 00386 | 00387 | 00388 | 00389 | 00390 | | | |
| | | | | | | | | | | | | | | | | | | * TOTALS | |
| Hyperplasia | | | | | | | | | | | | | | | | | | 5 2.6 | |
| Myelofibrosis | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Lymph Node | | | | | | | | | | | | | | | | | | 11 | |
| Mediastinal, Ectasia | | | | | | | | | | | | | | | | | | 2 3.0 | |
| Mediastinal, Hemorrhage | | | | | | | | | | | | | | | | | | 4 2.5 | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | 7 2.3 | |
| Mediastinal, Pigmentation | | | | | | | | | | | | | | | | | | 6 2.2 | |
| Lymph Node, Mandibular | | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 | | | |
| Lymph Node, Mesenteric | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | 20 2.2 | |
| Pigmentation | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Spleen | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Hematopoietic Cell Proliferation | | 2 | 2 | | | | | 2 | | | | | | 2 | | 13 2.2 | | | |
| Pigmentation | | | | | | | | | | | | | | | | | | 5 3.0 | |
| Lymphoid Follicle, Atrophy | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Thymus | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 | | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Hyperplasia | | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 2 | 4 | 3 | 3 | | | | 48 2.9 | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Skin | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Edema | | | | | | | | | | | | | | | | | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

0.3 MG.KG | | DAY ON TEST | 0
7
3
1 | 0
3
6
6 | 0
6
3
9 | 0
3
6
6 | 0
7
3
2 | 0
0
1
5 | 0
7
3
2 | 0
7
3
5 | 0
7
3
2 | 0
5
7
8 | 0
7
3
2 | 0
5
9
4 | 0
0
1
5 | | |
|---|---|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------|
| | | ANIMAL ID | 0
0
3
7
6 | 0
0
3
7
7 | 0
0
3
7
8 | 0
0
3
7
9 | 0
0
3
8
0 | 0
0
3
8
1 | 0
0
3
8
2 | 0
0
3
8
3 | 0
0
3
8
4 | 0
0
3
8
5 | 0
0
3
8
6 | 0
0
3
8
7 | 0
0
3
8
8 | 0
0
3
8
9 | |
| | | * TOTALS | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | | | 3 | | | 3 3.7 |
| Epidermis, Hyperplasia | | | | | | | | | | | | | | 2 | | | 4 2.8 |
| Epidermis, Site Of Application, Hyperplasia | 1 | | | | | | | | | | | | | 2 | | | 4 1.3 |
| Site Of Application, Hyperkeratosis | 1 | | | | | | | | | | | | | 1 | | | 11 1.0 |
| Site Of Application, Ulcer | | | | | | | | | | | | | | 2 | | | 2 2.0 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|----|-----|--|
| Bone | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Femur, Osteopetrosis | | | | | | | | | | | | 1 | 4.0 | |
| Skeletal Muscle | | | | | | | | | | | | 1 | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | |
|------------------|---|---|---|---|---|---|---|---|---|---|---|----|-----|--|
| Brain | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Compression | | 3 | | 2 | 4 | 3 | 1 | 3 | 3 | 4 | 4 | 24 | 3.0 | |
| Hemorrhage | | | | | | | | 2 | | | 2 | 4 | 2.3 | |
| Necrosis | | | | | | | | 1 | 3 | | | 4 | 1.8 | |
| Peripheral Nerve | | | | | | | | | | | | 3 | | |
| Spinal Cord | | | | | | | | | | | | 3 | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|---|---|---|---|---|---|---|---|---|---|----|----|-----|
| Lung | + | | + | | + | | + | + | + | + | + | | 50 | | |
| Edema | | | | | | | | | | | | | | 1 | 1.0 |
| Hemorrhage | | | | | | | | | | | | | | 5 | 1.8 |
| Infiltration Cellular, Histiocyte | 1 | | | 1 | 3 | 1 | | 2 | | 1 | | 1 | | 24 | 1.2 |
| Inflammation, Chronic | 1 | | | 1 | | | 1 | 1 | | 1 | | | | 22 | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE
0.3 MG.KG | | DAY ON TEST | | | | | | | | | | | | | | | | ANIMAL ID | | | | | |
|--|--|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|-----------|--|--------|--|--------|--|
| | | 0731 | 0366 | 0639 | 0366 | 0732 | 0075 | 0732 | 0735 | 0732 | 0738 | 0572 | 0732 | 0731 | 0534 | 005 | | | | | | | |
| | | 000376 | 000377 | 000378 | 000389 | 000380 | 000381 | 000382 | 000383 | 000384 | 000385 | 000386 | 000387 | 000388 | 000389 | 000390 | | | | | | | |
| * TOTALS | | | | | | | | | | | | | | | | | | | | | | | |
| Pigmentation, Hemosiderin | | 2 | | | | | | | | | | | | | | | | 1 | | 1 | | 16 1.3 | |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | 5 1.8 | | | |
| Nose | | + | | | | | | | | | | | | | | | | + | | 50 | | | |
| Foreign Body | | | | | | | | | | | | | | | | | | | | 5 | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | 5 1.6 | | | |
| Respiratory Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | 3 1.0 | | | |
| Respiratory Epithelium, Metaplasia, Squamous | | | | | | | | | | | | | | | | | | | | 1 1.0 | | | |
| Trachea | | + | | | | | | | | | | | | | | | | + | | 50 | | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | | + | | | | | | | | | | | | | | | | + | | 50 | | | |
| Cataract | | | | | | | | | | | | | | | | | | | | 6 2.0 | | | |
| Inflammation, Acute | | | | | | | | | | | | | | | | | | | | 1 2.0 | | | |
| Retina, Degeneration | | | | | | | | | | | | | | | | | | | | 10 2.8 | | | |
| Harderian Gland | | + | | | | | | | | | | | | | | | | + | | 50 | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | 3 3.3 | | | |
| Zymbal's Gland | | | | | | | | | | | | | | | | | | | | 1 | | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | | + | | | | | | | | | | | | | | | | + | | 50 | | | |
| Infarct | | | | | | | | | | | | | | | | | | | | 1 4.0 | | | |
| Nephropathy | | 1 | | | | | | | | | | | | | | | | 1 | | 39 1.6 | | | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | | | | 2 2.5 | | | |
| Renal Tubule, Necrosis | | | | | | | | | | | | | | | | | | | | 1 4.0 | | | |
| Renal Tubule, Pigmentation | | | | | | | | | | | | | | | | | | | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

0.3 MG.KG | DAY ON TEST | 0
7
3
1 | 0
3
6
6 | 0
6
3
9 | 0
3
6
6 | 0
7
3
2 | 0
0
1
5 | 0
7
3
2 | 0
7
3
5 | 0
7
3
2 | 0
5
7
8 | 0
7
3
2 | 0
7
3
1 | 0
5
9
4 | 0
0
1
5 | | |
|--|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------|
| | ANIMAL ID | 0
0
3
7
6 | 0
0
3
7
7 | 0
0
3
7
8 | 0
0
3
7
9 | 0
0
3
8
0 | 0
0
3
8
1 | 0
0
3
8
2 | 0
0
3
8
3 | 0
0
3
8
4 | 0
0
3
8
5 | 0
0
3
8
6 | 0
0
3
8
7 | 0
0
3
8
8 | 0
0
3
8
9 | 0
0
3
9
0 | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Transitional Epithelium, Hyperplasia | | 1 | | | | | | | | | | | | | | | 2 2.0 |
| Urinary Bladder | | + | | + | | + | | + | + | + | + | + | + | + | | | 50 |

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | + | | + | |
| Intestine Large, Cecum
Edema | + | + | + | | + | + | + | + | + | + | + | + | 3 | + | + | + | + | + | + | | + | | + |
| Intestine Large, Colon | + | + | M | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | + | | + |
| Intestine Large, Rectum | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | + | | + |
| Intestine Small, Duodenum
Epithelium, Hyperplasia | + | + | + | | + | + | + | + | + | + | + | + | 3 | + | 2 | + | + | + | + | + | + | | + |
| Intestine Small, Ileum | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | + | | + |
| Intestine Small, Jejunum | + | + | A | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | + | | + |
| Liver | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | + | | + |
| Basophilic Focus | X | X | X | | X | X | X | X | X | | | X | | X | | X | X | X | X | | X | | X |
| Clear Cell Focus | | | | | | | | | | | | X | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | | | | | | | |
| Fatty Change | 2 | | X | | | | | | | | | | | | | | | | 3 | | | | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatodiaphragmatic Nodule | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mixed Cell | | | | | 1 | | | | 1 | 3 | | | | | | | | | | | | | 1 |
| Mixed Cell Focus | | | | | X | | | | | | | | | | | | | | | | | | |
| Necrosis, Focal | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | |
| Bile Duct, Hyperplasia | | | | | | | | | | | | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE
1.0 MG/KG | | DAY ON TEST | | | | | | | | | | ANIMAL ID | | | | | | | | | | females
(cont...) | | | | | | | | | | | | | | | | | |
|---------------------------------------|--|-------------|------|------|------|------|------|------|------|------|------|-----------|------|------|------|------|------|------|------|------|------|----------------------|------|------|------|------|------|---|--|---|--|--|--|--|--|--|--|--|--|
| | | 0591 | 0670 | 0660 | 0715 | 0772 | 0772 | 0775 | 0772 | 0771 | 0772 | 0690 | 0771 | 0774 | 0771 | 0682 | 0775 | 0772 | 0693 | 0771 | 0771 | | 0775 | 0776 | 0776 | 0776 | 0652 | | | | | | | | | | | | |
| | | 00391 | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0009 | 0000 | 0001 | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0009 | 0000 | 0001 | 0002 | 0003 | 0004 | 0005 | | | | | | | | | | | | | |
| Centrilobular, Necrosis | | | | | | | | | | | | 2 | 2 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | | | | | | | 4 | 3 | | 3 | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| Mesentery | | + | | + | | + | | | | | | | | | | | | + | | | | | | | | | | | | + | | | | | | | | | |
| Accessory Spleen | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fibrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fat, Necrosis | | 3 | | | | 1 | | | | | | | | | | | | 4 | | | | | | | | | | | | 4 | | | | | | | | | |
| Pancreas | | + | + | + | | | + | + | + | + | + | + | + | + | + | + | + | + | + | M | | | | | | + | | | | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | 2 | 2 | M | | | | 1 | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acinus, Cytoplasmic Alteration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acinus, Hyperplasia, Focal | | | | | | | | | | | | | | 1 | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| Salivary Glands | | + | + | + | | | + | + | + | + | + | + | + | + | + | + | + | + | + | | | + | | | | + | | | | | | | | | | | | | |
| Atrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stomach, Forestomach | | + | + | + | | | + | + | + | + | + | + | + | + | + | + | + | + | + | | | + | | | | + | | | | | | | | | | | | | |
| Edema | | | | | | | | | | | | 2 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | 3 | | 4 | | | | | | | | | | | | 4 | | | | | | | | | | | | | |
| Perforation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | 2 | | 4 | | | | | | | | | | | | 4 | | | | | | | | | | | | | |
| Epithelium, Hyperplasia | | | | | | | | | | | | | | 2 | | 2 | | | | | | | | | | | | 4 | | | | | | | | | | | |
| Stomach, Glandular | | + | + | + | | | + | + | + | + | + | + | + | + | + | + | + | + | + | | | + | | | | + | | | | | | | | | | | | | |
| Erosion | | | | | | | | | | | | 3 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ulcer | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Glands, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

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

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|---|---|--|--|---|--|
| Heart | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | + | | | | + | |
| Cardiomyopathy | | 3 | | | 2 | 3 | 1 | 1 | 2 | 1 | | 3 | 1 | 2 | | 3 | 2 | 3 | | | | 3 | | | | |
| Thrombosis | | | | | | | | | | | 3 | | 3 | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | |
|-----------------------------------|--|--|---|
| Adrenal Cortex | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | + | | | | + |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | |
| Degeneration, Fatty | 2 | 2 | | | 1 | | | 1 | | | 3 | 3 | | | | | | 3 | | | | | | | |
| Hyperplasia, Focal | | | | | 2 | | | | | | | | | 3 | | | | | | | | | | | |
| Hyperplasia, Diffuse | | | |
| Hypertrophy, Focal | | 2 | | | | | | 1 | | | | | | | | | | | | 2 | 1 | | | | |
| Adrenal Medulla | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | | | + | | | + |
| Hyperplasia | | | | | | | | | | 3 | | | | | | | | | 1 | | | | | | |
| Islets, Pancreatic | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | M | | | | + |
| Parathyroid Gland | + | + | + | | + | + | + | M | + | + | + | + | + | + | + | + | + | + | M | | | + | | | + |
| Pituitary Gland | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | + | | | + |
| Pigmentation | | | |
| Pars Distalis, Angiectasis | | | | | | 2 | | 2 | 2 | | 3 | | 4 | 3 | | | | | | | | | | | |
| Pars Distalis, Cyst | | | | 3 | | 3 | 3 | | | 3 | 3 | 3 | | | | 3 | | | | | | | | | |
| Pars Distalis, Hyperplasia | | 2 | | | | 4 | 1 | 2 | 2 | | 3 | | | | 3 | | | | | 2 | | 1 | | | |
| Pars Distalis, Hypertrophy, Focal | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| Pars Intermedia, Angiectasis | | | | | | | | | | | | | | | | 3 | | | | | | | | | |
| Pars Intermedia, Cyst | | | | | | | | | | | | 3 | | | | | | | | 3 | | | | | |

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

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

TDMS No. 88133 - 07
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Trimethylolpropane triacrylate

CAS Number: 15625-89-5

Date Report Requested: 03/31/2010

Time Report Requested: 13:41:41

First Dose M/F: 01/18/05 / 01/18/05

Lab: SRI

| | | | |
|--|-------------|----------------------|-------|
| FISCHER 344 RATS FEMALE

1.0 MG/KG | DAY ON TEST | 051 | 0670 | 0600 | 0713 | 0722 | 0775 | 0732 | 0712 | 0760 | 0731 | 0774 | 0731 | 0722 | 0675 | 0732 | 0763 | 0775 | 0701 | 0701 | 0735 | 0736 | 0736 | 0662 | females
(cont...) | |
| | ANIMAL ID | 00391 | 00392 | 00393 | 00394 | 00395 | 00396 | 00397 | 00398 | 00399 | 00400 | 00401 | 00402 | 00403 | 00404 | 00405 | 00406 | 00407 | 00408 | 00409 | 00410 | 00411 | 00412 | 00413 | | 00414 |
| | | 00391 | 00392 | 00393 | 00394 | 00395 | 00396 | 00397 | 00398 | 00399 | 00400 | 00401 | 00402 | 00403 | 00404 | 00405 | 00406 | 00407 | 00408 | 00409 | 00410 | 00411 | 00412 | 00413 | | 00414 |

Thyroid Gland
Ultimobranchial Cyst
C-cell, Hyperplasia
Follicle, Cyst

[illegible]

GENERAL BODY SYSTEM

Tissue NOS

GENITAL SYSTEM

Clitoral Gland
Cyst
Hyperplasia
Inflammation, Chronic

[illegible]

Ovary
Cyst

$$\begin{array}{ccccccccccccccccccccccccccccc} + & + & + & & + & + & + & + & + & + & + & + & + & + & + & + & + & + & + \\ & 3 & & & 3 & 3 & & & 3 & & & & & 3 & & & & & & 3 \end{array}$$

Uterus
Hyperplasia, Cystic

[illegible]

Vagina

HEMATOPOIETIC SYSTEM

Bone Marrow
Hyperplasia
Myelofibrosis

[illegible]

Lymph Node

$$+ \quad + \quad +$$

* .. 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

1 .. Insufficient tissue

BLANK .. Not examined microscopically

2) Mild 4) Marked

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

1.0 MG/KG | DAY ON TEST | |
|--|-------------|
| | 0591 | 0670 | 0600 | 0713 | 0773 | 0773 | 0773 | 0773 | 0773 | 0673 | 0773 | 0773 | 0773 | 0673 | 0773 | 0673 | 0773 | 0673 | 0773 | 0673 | 0773 | 0673 | 0773 | 0673 | 0773 | 0673 | 0773 | 0673 |
| ANIMAL ID | 00391 | 00392 | 00393 | 00394 | 00395 | 00396 | 00397 | 00398 | 00399 | 00400 | 00401 | 00402 | 00403 | 00404 | 00405 | 00406 | 00407 | 00408 | 00409 | 00410 | 00411 | 00412 | 00413 | 00414 | 00415 | 00416 | 00417 | 00418 |
| Mediastinal, Ectasia | | 2 |
| Mediastinal, Hemorrhage | |
| Mediastinal, Hyperplasia, Lymphoid | |
| Mediastinal, Pigmentation | |
| Lymph Node, Mandibular | M | M | M | | | M | M | M | M | M | M | M | M | M | M | M | M | M | M | | | | M | | | | M | |
| Lymph Node, Mesenteric | + | + | + | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | + | | | | + | |
| Ectasia | | 2 |
| Hemorrhage | |
| Hyperplasia, Lymphoid | | | | | 2 | | | | | | | | | | | | 2 | 2 | | | | | | | | | | |
| Pigmentation | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | |
| Spleen | + | + | + | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | + | | | | + | |
| Fibrosis | |
| Hematopoietic Cell Proliferation | 2 | 2 | | | | 2 | | | 2 | 2 | | | | | 2 | | 2 | | 3 | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| Pigmentation | | 3 |
| Lymphoid Follicle, Atrophy | |
| Thymus | + | + | + | | | + | + | + | + | M | + | + | + | + | + | + | + | M | + | + | | | + | | | | M | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|--|--|--|---|--|
| Mammary Gland | + | + | + | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | + | | | | | + | |
| Hyperplasia | 3 | 2 | 2 | | | 3 | 2 | 4 | 3 | 3 | 2 | 4 | 4 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | | | 2 | | | | | |
| Skin | + | + | + | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | + | | | | | + | |
| Epidermis, Site Of Application, Hyperplasia | | | 1 | | | 1 | | | | | | | 1 | | | 1 | | | | | | | | | | | | |
| Site Of Application, Hyperkeratosis | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | 1 | |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

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

MUSCULOSKELETAL SYSTEM

Bone
 Fibrous Osteodystrophy

+ + + + + + + + + + + + + + + + + + + +

Skeletal Muscle
 Cyst

NERVOUS SYSTEM

Brain
 Compression
 Hemorrhage
 Necrosis

+
 4 3 2 4 1 2 4 4

Peripheral Nerve

+

Spinal Cord

+

RESPIRATORY SYSTEM

Lung
 Edema
 Hemorrhage
 Infiltration Cellular, Histiocyte
 Inflammation, Chronic
 Inflammation, Chronic Active
 Metaplasia, Osseous
 Pigmentation, Hemosiderin
 Alveolar Epithelium, Hyperplasia

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE
1.0 MG/KG | | DAY ON TEST | | | | females
(cont...) |
|---|--|-------------|--|--|----------------------|
| | | 051 | 0670 | 0600 | 0015 | 0732 | 0772 | 07735 | 07732 | 07731 | 07732 | 0690 | 0731 | 0774 | 07731 | 0682 | 0735 | 0772 | 0693 | 0735 | 0091 | 0091 | 0735 | 0366 | 0366 | 0652 | | | | |
| ANIMAL ID | | 00391 | 00392 | 00393 | 00394 | 00395 | 00396 | 00397 | 00398 | 00399 | 00400 | 00401 | 00402 | 00403 | 00404 | 00405 | 00406 | 00407 | 00408 | 00409 | 00410 | 00411 | 00412 | 00413 | 00414 | 00415 | 00416 | | | |
| Nose | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | + | | | | + | | | | |
| Foreign Body | | | | | |
| Inflammation, Chronic | | | | | |
| Trachea | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | + | | | | + | | | | |
| SPECIAL SENSES SYSTEM | | | | | |
| Eye | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | + | | | | + | | | | |
| Cataract | | | | | | | | | 1 | 1 | | | | | 3 | | | | | | | | | | | | | | | |
| Inflammation, Acute | | | | | |
| Retina, Degeneration | | | | | | | 2 | 3 | 3 | | 1 | | | 3 | | | | | | | | | | | | | | | | |
| Harderian Gland | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | + | | | | + | | | | |
| URINARY SYSTEM | | | | | |
| Kidney | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | + | | | | + | | | | |
| Cyst | | | | | |
| Infarct | | | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| Inflammation, Chronic | | | | | |
| Nephropathy | | 1 | | | | 2 | 2 | 1 | 3 | 2 | 1 | 1 | | 1 | 1 | | 2 | 3 | 4 | 1 | | | | | | 1 | | | | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| Renal Tubule, Necrosis | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | |
| Renal Tubule, Pigmentation | | | | | | | | | | | | 3 | | | | 2 | | | | | | | | | | | | | | |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | + | | | | + | | | | |
| Transitional Epithelium, Hyperplasia | | | | | |

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|--|---|---|--|---|---|---|---|---|---|---|---|--|---|---|---|---|---|
| Esophagus | + | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | | + | | + | + | |
| Intestine Large, Cecum
Edema | + | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | | A | | + | + | |
| Intestine Large, Colon | + | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | | + | | + | + | |
| Intestine Large, Rectum | + | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | | + | | + | + | |
| Intestine Small, Duodenum
Epithelium, Hyperplasia | + | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | | + | | + | + | |
| Intestine Small, Ileum | + | + | + | + | A | | + | + | | + | + | + | + | + | + | + | + | | A | | + | + | |
| Intestine Small, Jejunum | + | + | + | + | A | | + | + | | + | + | A | A | + | + | + | + | | A | | + | + | |
| Liver | + | + | + | + | + | | + | + | | + | + | + | + | + | + | + | + | | + | | + | + | |
| Basophilic Focus | X | X | X | X | | | X | | | X | | | X | X | X | X | X | | X | | X | X | |
| Clear Cell Focus | | | | | | | | | | | | | | | | | | | | | | | |
| Eosinophilic Focus | | | | | | | X | | | | | | X | | X | | | | | | | | |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Hepatodiaphragmatic Nodule | X | | | X | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Mixed Cell | | 1 | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | | | X | | | | | | | | | | | | | X | | | | | | |
| Necrosis, Focal | | | | | | | | | | | | 1 | | | 2 | | | | | | | | |
| Thrombosis | | | | | | | | | | | | 3 | | | | | | | | | | | |
| Bile Duct, Hyperplasia | | | | | | | | | | | | 1 | | | 1 | | | | | 1 | | | |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

1.0 MG/KG | DAY ON TEST | | | females
(cont...) |
|--|-----------------------|--|----------------------|
| | 0
7
3
1 | 0
7
3
2 | 0
5
9
8 | 0
7
3
2 | 0
4
7
2 | 0
0
9
1 | 0
0
1
5 | 0
7
3
1 | 0
0
1
5 | 0
4
9
1 | 0
0
4
1 | 0
5
7
1 | 0
5
9
8 | 0
3
3
0 | 0
7
5
1 | 0
7
3
5 | 0
6
6
2 | 0
7
1
5 | 0
3
6
6 | 0
3
7
1 | 0
3
6
6 | 0
7
3
5 | 0
7
1
5 | 0
0
9
1 | 0
0
9
1 | 0
0
9
1 | 0
0
9
1 | | |
| ANIMAL ID | 0
0
4
1
6 | 0
0
4
1
7 | 0
0
4
1
8 | 0
0
4
1
9 | 0
0
4
2
0 | 0
0
4
2
1 | 0
0
4
2
2 | 0
0
4
2
3 | 0
0
4
2
4 | 0
0
4
2
5 | 0
0
4
2
6 | 0
0
4
2
7 | 0
0
4
2
8 | 0
0
4
2
9 | 0
0
4
3
0 | 0
0
4
3
1 | 0
0
4
3
2 | 0
0
4
3
3 | 0
0
4
3
4 | 0
0
4
3
5 | 0
0
4
3
6 | 0
0
4
3
7 | 0
0
4
3
8 | 0
0
4
3
9 | 0
0
4
4
0 | 0
0
4
4
1 | 0
0
4
4
2 | | |
| Centrilobular, Necrosis
Hepatocyte, Vacuolization Cytoplasmic | 3 | | | | 3 | | | | 3 | | | | | | | | | | | | | | | | | | | | |
| Mesentery
Accessory Spleen
Fibrosis
Thrombosis
Fat, Necrosis | + | | | | | | | | + | | | | + | | | | + | | | | | | | | | | | | |
| Pancreas
Atrophy
Cyst
Acinus, Cytoplasmic Alteration
Acinus, Hyperplasia, Focal | + | | | | + | | | | + | | | | + | | | | + | | | | + | | | | + | | | | |
| Salivary Glands
Atrophy | + | | | | + | | | | + | | | | + | | | | + | | | | + | | | | + | | | | |
| Stomach, Forestomach
Edema
Inflammation, Chronic Active
Perforation
Ulcer
Epithelium, Hyperplasia | + | | | | + | | | | + | | | | + | | | | + | | | | + | | | | + | | | | |
| Stomach, Glandular
Erosion
Ulcer
Glands, Hyperplasia | + | | | | + | | | | + | | | | + | | | | + | | | | + | | | | + | | | | |

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

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

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|--|---|--|---|---|
| Heart | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | | + | | + | + |
| Cardiomyopathy | 1 | 1 | 1 | 1 | | | 3 | | | 2 | | | 2 | 1 | 2 | 1 | | | | | 1 | 1 |
| Thrombosis | | | | | | | | | | | | | | | | | | | | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|--|---|--|---|---|
| Adrenal Cortex | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | | + | | + | + |
| Accessory Adrenal Cortical Nodule | | | | | | | | 3 | | | | 3 | | | | | | | | | | |
| Degeneration, Fatty | 1 | | | | | | | 3 | | 2 | | | 1 | | | 2 | 2 | | | | | 1 |
| Hyperplasia, Focal | | | | | | | | | | | | | | | | | | | | | | |
| Hyperplasia, Diffuse | | | | | | | | | | | | | | | | | | | | | | |
| Hypertrophy, Focal | | | | | | | 1 | | | | | | 2 | | | 2 | 3 | | | | | 1 |
| Adrenal Medulla | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | | + | | + | + |
| Hyperplasia | | | | | | | | | | | | 1 | | | | | | | | | | |
| Islets, Pancreatic | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | | + | | + | + |
| Parathyroid Gland | + | + | + | + | M | | + | + | + | + | + | + | + | + | + | M | + | | + | | + | + |
| Pituitary Gland | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | | + | | + | + |
| Pigmentation | | | | | | | | | | | | | | | | 3 | | | | | | |
| Pars Distalis, Angiectasis | 3 | | 3 | | | | 2 | | | 2 | | | | | 2 | | | | | | | |
| Pars Distalis, Cyst | 3 | | | | | | | 3 | | 3 | | | | 3 | | | 3 | | 3 | | 3 | 3 |
| Pars Distalis, Hyperplasia | 3 | | | | | | 3 | | | 2 | | | | 2 | | 4 | | | | | | |
| Pars Distalis, Hypertrophy, Focal | | | | | | | | | | | | | | | | | | | | | | |
| Pars Intermedia, Angiectasis | | | | | | | | | | | | | | | | | 2 | | | | | |
| Pars Intermedia, Cyst | | | | | | | | | | | | | | | | | | | | | 3 | |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|--|---|--|---|---|---|--|--|--|--|--|
| Thyroid Gland | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | | + | | + | + | | | | | | |
| Ultimobranchial Cyst | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| C-cell, Hyperplasia | | | 1 | | | | | | 1 | | | | | 1 | 1 | | | | | | | | 1 | | | | | |
| Follicle, Cyst | | | | | | | | | | | | | | | | 3 | | | | | | 3 | | | | | | |

GENERAL BODY SYSTEM

| | | | | | |
|------------|--|--|--|--|---|
| Tissue NOS | | | | | + | |
|------------|--|--|--|--|---|

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|--|--|--|--|--|--|
| Clitoral Gland | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | | + | | + | + | | | | | | |
| Cyst | | 3 | | | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ovary | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | | + | | + | + | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | |
| Uterus | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | | + | | + | + | | | | | | |
| Hyperplasia, Cystic | | | | | | | | | | 2 | | | | | | 1 | | | | | | | | | | | | |
| Vagina | | | | | | | | | | | | + | | | | | | + | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|---|--|--|---|--|--|
| Bone Marrow | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | | + | | + | + | | | | | | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| Myelofibrosis | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| Lymph Node | | | | | | | | | | | | | + | | | | | + | | | | | + | | | | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

1.0 MG/KG | DAY ON TEST | | | | |
|--|-----------------------|----------------------|--|--|---|
| | 0
7
3
1 | 0
7
3
2 | 0
5
9
8 | 0
7
3
2 | 0
4
7
2 | 0
0
9
1 | 0
0
1
5 | 0
7
3
1 | 0
0
1
5 | 0
4
9
1 | 0
0
7
1 | 0
5
9
8 | 0
3
3
0 | 0
7
5
1 | 0
5
7
5 | 0
6
3
2 | 0
7
1
5 | 0
3
6
6 | 0
7
6
1 | 0
3
7
6 | 0
3
6
5 | 0
7
3
5 | 0
7
1
5 | 0
0
9
1 | females
(cont...) | | | |
| ANIMAL ID | 0
0
4
1
6 | 0
0
4
1
7 | 0
0
4
1
8 | 0
0
4
1
9 | 0
0
4
2
0 | 0
0
4
2
1 | 0
0
4
2
2 | 0
0
4
2
3 | 0
0
4
2
4 | 0
0
4
2
5 | 0
0
4
2
6 | 0
0
4
2
7 | 0
0
4
2
8 | 0
0
4
2
9 | 0
0
4
3
0 | 0
0
4
3
1 | 0
0
4
3
2 | 0
0
4
3
3 | 0
0
4
3
4 | 0
0
4
3
5 | 0
0
4
3
6 | 0
0
4
3
7 | 0
0
4
3
8 | 0
0
4
3
9 | | | | |
| Mediastinal, Ectasia | | | | |
| Mediastinal, Hemorrhage | | | | 2 |
| Mediastinal, Hyperplasia, Lymphoid | | | | 3 |
| Mediastinal, Pigmentation | | | | 3 |
| Lymph Node, Mandibular | M | M | M | M | M | | | M | M | | | M | M | M | M | M | M | | M | | M | M | | | | | | |
| Lymph Node, Mesenteric | + | + | + | + | + | | | + | + | | | + | + | + | + | + | + | | + | | + | + | | | | | | |
| Ectasia | | | | |
| Hemorrhage | | | | |
| Hyperplasia, Lymphoid | 2 | | | | 2 | | | 2 | | | | | | 3 | 2 | | 2 | | | 2 | | 2 | | | | | | |
| Pigmentation | | | | |
| Spleen | + | + | + | + | + | | | + | + | | | + | + | + | + | + | + | + | | + | | + | + | | | | | |
| Fibrosis | | | | |
| Hematopoietic Cell Proliferation | | | | |
| Necrosis | | | | 4 |
| Pigmentation | | | | |
| Lymphoid Follicle, Atrophy | | | | |
| Thymus | + | + | + | + | + | | | + | + | | | + | + | + | + | + | + | + | | + | | + | + | | | | | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|--|--|---|---|--|--|---|---|---|---|---|---|---|---|--|---|---|--|---|---|--|--|--|
| Mammary Gland | + | + | + | + | + | | | + | + | | | + | + | + | + | + | + | | + | | + | + | | | | | | |
| Hyperplasia | 2 | 4 | 3 | 2 | 2 | | | 2 | | | | 2 | 3 | | 4 | 2 | 2 | 2 | 3 | | | | | 2 | 3 | | | |
| Skin | + | + | + | + | + | | | + | + | | | + | + | + | + | + | + | | + | | + | + | | | | | | |
| Epidermis, Site Of Application, Hyperplasia | | | | | | | | 1 | | | | 1 | 1 | | 1 | | | 1 | | | | | | | | | | |
| Site Of Application, Hyperkeratosis | 1 | 1 | | 1 | | | | 1 | | | | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | | | | 1 | 1 | | | |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE | DAY ON TEST |
|-------------------------|-------------------|
| | 0731 | 0732 | 0598 | 0732 | 0472 | 0001 | 0005 | 0071 | 0003 | 0041 | 0001 | 0051 | 0058 | 0038 | 0070 | 0051 | 0075 | 0062 | 0075 | 0036 | 0036 | 0037 | 0036 | 0037 | 0036 | 0075 | 0075 | 0009 |
| 1.0 MG/KG | 0041 | 0044 | 0044 | 0044 | 0044 | 0004 | 0004 | 0004 | 0004 | 0044 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0004 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0004 | 0004 | 0044 |
| ANIMAL ID | 116 | 177 | 118 | 119 | 120 | 221 | 222 | 222 | 222 | 224 | 323 | 434 | 535 | 636 | 737 | 838 | 939 | 040 | 044 | 044 | 044 | 044 | 044 | 044 | 044 | 044 | 044 | 044 |
| | females (cont...) | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|--|--|---|---|--|---|---|---|---|---|---|---|---|---|--|---|--|---|---|---|--|--|
| Bone | + | + | + | + | + | | | + | + | | + | + | + | + | + | + | + | + | + | | + | | + | + | + | | |
| Fibrous Osteodystrophy | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|---|---|---|---|--|--|---|---|--|---|---|---|---|---|---|---|---|---|--|---|--|---|---|---|--|--|
| Brain | + | + | + | + | + | | | + | + | | + | + | + | + | + | + | + | + | + | | + | | + | + | + | | |
| Compression | | 3 | | | 3 | | | | | | | | | 3 | | | 1 | | | | | | | | | | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peripheral Nerve | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spinal Cord | | | | | | | | | | | | | | | | | | | | | | | | | | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|--|--|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| Lung | + | + | + | + | + | | | + | + | | + | + | + | + | + | + | + | + | + | | + | | + | + | + | | |
| Edema | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hemorrhage | | | | | 4 | | | | | | 2 | | | | | 1 | | | | 1 | | | | | | | |
| Infiltration Cellular, Histiocyte | | 1 | 2 | | 1 | | | 1 | | | 2 | 1 | 3 | | 1 | 1 | | 1 | | | | | 1 | 1 | | | |
| Inflammation, Chronic | 1 | | | | | | | | | | | | | | | 1 | 1 | | | | | 1 | | | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Pigmentation, Hemosiderin | 1 | | | | | | | | | | | 1 | | | | | | | | 2 | | | | | | | |
| Alveolar Epithelium, Hyperplasia | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

1.0 MG/KG | | DAY ON TEST | | | | | females
(cont...) |
|---|--|-----------------------|--|--|--|----------------------|
| | | 0
7
3
1 | 0
7
3
2 | 0
5
9
8 | 0
7
3
2 | 0
4
7
2 | 0
0
9
1 | 0
0
1
5 | 0
7
3
1 | 0
0
1
5 | 0
4
9
1 | 0
0
1
1 | 0
5
9
8 | 0
3
3
8 | 0
7
3
0 | 0
5
1
1 | 0
7
3
5 | 0
6
6
2 | 0
7
1
5 | 0
3
6
6 | 0
3
7
1 | 0
3
6
6 | 0
7
3
5 | 0
7
1
5 | 0
0
9
1 | | | | | |
| | | 0
0
4
1
6 | 0
0
4
1
7 | 0
0
4
1
8 | 0
0
4
1
9 | 0
0
4
2
0 | 0
0
4
2
1 | 0
0
4
2
2 | 0
0
4
2
3 | 0
0
4
2
4 | 0
0
4
2
5 | 0
0
4
2
6 | 0
0
4
2
7 | 0
0
4
2
8 | 0
0
4
2
9 | 0
0
4
3
0 | 0
0
4
3
1 | 0
0
4
3
2 | 0
0
4
3
3 | 0
0
4
3
4 | 0
0
4
3
5 | 0
0
4
3
6 | 0
0
4
3
7 | 0
0
4
3
8 | 0
0
4
3
9 | 0
0
4
4
0 | | | | |
| Nose | | + | + | + | + | + | | | + | | + | | + | + | + | + | + | + | + | | + | | + | + | | | | | | |
| Foreign Body | | | | | | | | | | | | | X | | | | | | | | | | | | | | | | | |
| Inflammation, Chronic | | | | | | |
| Trachea | | + | + | + | + | + | | | + | | + | | + | + | + | + | + | + | + | | + | | + | + | | | | | | |
| SPECIAL SENSES SYSTEM | | | | | | |
| Eye | | + | + | + | + | + | | | + | | + | | + | + | + | + | + | + | + | | + | | + | + | | | | | | |
| Cataract | | | | | | |
| Inflammation, Acute | | | | | | |
| Retina, Degeneration | | | | | | |
| Harderian Gland | | + | + | + | + | + | | | + | | + | | + | + | + | + | + | + | + | | + | | + | + | | | | | | |
| URINARY SYSTEM | | | | | | |
| Kidney | | + | + | + | + | + | | | + | | + | | + | + | + | + | + | + | + | | + | | + | + | | | | | | |
| Cyst | | | | | | |
| Infarct | | | | | | | | | | | | | 4 | | | | | | 1 | | | | | | | | | | | |
| Inflammation, Suppurative | | | | | | |
| Inflammation, Chronic | | | | | | |
| Nephropathy | | 1 | 3 | | 1 | | | | | | 1 | | 1 | 1 | | 1 | 1 | 1 | | | | | | | | | | | | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | |
| Renal Tubule, Necrosis | | | | | | |
| Renal Tubule, Pigmentation | | | | | | |
| Transitional Epithelium, Hyperplasia | | | | | | |
| Urinary Bladder | | + | + | + | + | + | | | + | | + | | + | | + | + | + | + | + | + | | + | | + | + | | | | | |
| Transitional Epithelium, Hyperplasia | | | | | | |

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE | DAY ON TEST | | | | | | | | | | | | | | | | |
|-------------------------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| | 0732 | 0735 | 0485 | 0366 | 0735 | 0731 | 0637 | 0015 | 0769 | 0682 | 0752 | 0502 | 0015 | 0625 | 0722 | 0722 | |
| 1.0 MG/KG | 004441 | 004442 | 004443 | 004444 | 004445 | 004446 | 004447 | 004448 | 004449 | 004450 | 004451 | 004452 | 004453 | 004454 | 004455 | 004456 | * TOTALS |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|--|---|---|---|--|---|---|---|---|--|---|---|--|-------------|
| Esophagus | + | + | + | | + | + | + | | + | + | + | + | | + | + | | 50 |
| Intestine Large, Cecum Edema | + | + | + | | + | + | + | | + | + | + | + | | + | + | | 49
3 3.0 |
| Intestine Large, Colon | + | + | + | | + | + | + | | + | + | + | + | | + | + | | 49 |
| Intestine Large, Rectum | + | + | + | | + | + | + | | + | + | + | + | | + | + | | 50 |
| Intestine Small, Duodenum Epithelium, Hyperplasia | + | + | + | | + | + | + | | + | + | + | + | | + | + | | 50
4 2.5 |
| Intestine Small, Ileum | + | + | + | | + | + | + | | + | + | + | + | | + | + | | 48 |
| Intestine Small, Jejunum | + | + | + | | + | + | A | | + | + | + | + | | + | + | | 44 |
| Liver | + | + | + | | + | + | + | | + | + | + | + | | + | + | | 50 |
| Basophilic Focus | X | X | | | X | X | | | | | X | | | X | X | | 38 |
| Clear Cell Focus | | | | | | | | | | | X | | | | | | 2 |
| Eosinophilic Focus | X | | | | X | | | | | X | | | | | | | 7 |
| Fatty Change | 2 | | | | | | | | | | | 3 | | 3 | | | 6 2.5 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | 1 2.0 |
| Hepatodiaphragmatic Nodule | | | | | | | | | | | | | | | | | 2 |
| Infiltration Cellular, Mixed Cell | 1 | | | | | 1 | | | | | 2 | | | 2 | | | 9 1.4 |
| Mixed Cell Focus | | | | | | | | | | | X | | | | | | 4 |
| Necrosis, Focal | | | | | | | | | 4 | | | | | | | | 4 2.0 |
| Thrombosis | | | | | | | | | | | | | | | | | 1 3.0 |
| Bile Duct, Hyperplasia | | | | | | | | | | | | | | | | | 4 1.3 |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

1.0 MG/KG | | DAY ON TEST | | | | | | | | | | | | | | | ANIMAL ID | | | |
|--|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------|--------|-------|--|
| | | 0
7
3
2 | 0
7
3
5 | 0
4
8
5 | 0
3
6
6 | 0
7
3
5 | 0
7
3
1 | 0
6
3
7 | 0
0
1
5 | 0
7
0
9 | 0
6
8
2 | 0
7
3
5 | 0
5
0
2 | 0
0
1
5 | 0
6
2
5 | 0
7
0
2 | | | | |
| | | 0
0
4
4
1 | 0
0
4
4
2 | 0
0
4
4
3 | 0
0
4
4
4 | 0
0
4
4
5 | 0
0
4
4
6 | 0
0
4
4
7 | 0
0
4
4
8 | 0
0
4
4
9 | 0
0
4
4
0 | 0
0
4
4
1 | 0
0
4
4
2 | 0
0
4
4
3 | 0
0
4
4
4 | 0
0
4
4
5 | | | | |
| * TOTALS | | | | | | | | | | | | | | | | | | | | |
| Centrilobular, Necrosis | | | | | | | | | | | | | | | | | 3 | | 1.7 | |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | 3 | | 3.1 | |
| Mesentery | | + | + | + | | | | + | | | | + | + | | | | 19 | | | |
| Accessory Spleen | | | | X | | | | | | | | X | | | | 2 | | | | |
| Fibrosis | | | | | | | | | | | | | 3 | | | | 1 3.0 | | | |
| Thrombosis | | | | | | | | | | | | | 3 | | | | 1 3.0 | | | |
| Fat, Necrosis | | 1 | 3 | | | | | 3 | | | | | 2 | | | | 16 2.8 | | | |
| Pancreas | | + | + | + | | | | + | + | + | + | | | | + | + | 49 | | | |
| Atrophy | | | | | | | | 1 | 2 | 4 | | | | 1 | | | | 16 1.6 | | |
| Cyst | | | | | | | | 3 | | | | | | | | | | 3 3.0 | | |
| Acinus, Cytoplasmic Alteration | | | | 3 | | | | | | | 3 | | | | 3 | | | | 3 3.0 | |
| Acinus, Hyperplasia, Focal | | | 2 | | | | | | | | | | | | | | 3 1.3 | | | |
| Salivary Glands | | + | + | + | | | | + | + | + | + | | | | + | + | 50 | | | |
| Atrophy | | | | | | | | 2 | | | | | 3 | | | | 3 2.0 | | | |
| Stomach, Forestomach | | + | + | + | | | | + | + | + | + | | | | + | + | 50 | | | |
| Edema | | | | 4 | | | | 4 | | | | | | | | 4 | 7 3.6 | | | |
| Inflammation, Chronic Active | | | | | | | | | | | 3 | | | | 3 | 5 3.4 | | | | |
| Perforation | | | | | | | | | | | X | | | | | | | 2 | | |
| Ulcer | | | | 4 | | | | 4 | | | | | 4 | | | | 1 | 9 3.3 | | |
| Epithelium, Hyperplasia | | | | 4 | | | | 4 | | 4 | 3 | 2 | | | | | 4 | 12 3.1 | | |
| Stomach, Glandular | | + | + | + | | | | + | + | + | + | | | | + | + | 50 | | | |
| Erosion | | | | | | | | | | | 1 | | | | 3 | | | 5 2.0 | | |
| Ulcer | | | | | | | | 3 | | 3 | | | | | | | | | 3 2.3 | |
| Glands, Hyperplasia | | | | | | | | 2 | | | | | | | | | | | 2 1.5 | |

* .. 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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
|-------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | | 7 | 7 | 4 | 3 | 7 | 6 | 0 | 7 | 6 | 7 | 5 | 0 | 6 | 7 | | |
| FISCHER 344 RATS FEMALE | | 3 | 3 | 8 | 6 | 3 | 3 | 6 | 1 | 0 | 8 | 3 | 0 | 1 | 2 | 0 | |
| | | 2 | 5 | 5 | 6 | 5 | 1 | 7 | 5 | 9 | 2 | 5 | 2 | 5 | 5 | 2 | |
| 1.0 MG/KG | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | * TOTALS |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|--|---|---|---|--|---|---|---|---|--|---|---|----|-----|
| Heart | + | + | + | | + | + | + | | + | + | + | + | | + | + | 50 | |
| Cardiomyopathy | 2 | 2 | | | 1 | 3 | | | 2 | 3 | | | | 2 | 1 | 34 | 1.9 |
| Thrombosis | | | | | | | | | | | | | | | | 2 | 3.0 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|--|---|---|---|---|---|---|---|---|--|---|---|----|-----|
| Adrenal Cortex | + | + | + | | + | + | + | | + | + | + | + | | + | + | 50 | |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | 4 | 3.0 |
| Degeneration, Fatty | | | 4 | | 1 | | 2 | | 3 | 1 | 1 | 3 | | 1 | 2 | 23 | 2.0 |
| Hyperplasia, Focal | | | | | | | | | | | 2 | | | | | 3 | 2.3 |
| Hyperplasia, Diffuse | | | | | | | | 2 | | | | | | | | 1 | 2.0 |
| Hypertrophy, Focal | | | | | 1 | | | | | | | | | 2 | 2 | 12 | 1.7 |
| Adrenal Medulla | + | + | + | | + | + | + | | + | + | + | + | | + | + | 49 | |
| Hyperplasia | | | | | | | | | | | | 2 | | | | 4 | 1.8 |
| Islets, Pancreatic | + | + | + | | + | + | + | | + | + | + | + | | + | + | 49 | |
| Parathyroid Gland | + | + | + | | + | + | + | | + | + | + | + | | + | + | 46 | |
| Pituitary Gland | + | + | + | | + | + | + | | + | + | + | + | | + | + | 50 | |
| Pigmentation | | | | | | | | | | | | | | | | 1 | 3.0 |
| Pars Distalis, Angiectasis | | 2 | 3 | | | 4 | | | | | | | | | | 14 | 2.6 |
| Pars Distalis, Cyst | | 3 | 3 | | | 3 | | | | | | 3 | | | | 19 | 3.0 |
| Pars Distalis, Hyperplasia | | 3 | 2 | | | | | | | | 2 | | | | | 17 | 2.4 |
| Pars Distalis, Hypertrophy, Focal | | | | | | | | | | | | | | | | 1 | 2.0 |
| Pars Intermedia, Angiectasis | | | | | | | | | | | | | | | | 2 | 2.5 |
| Pars Intermedia, Cyst | | | | | | | | | | | | | | | | 3 | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

1.0 MG/KG | | DAY ON TEST | | | | | | | | | | | | | | | | ANIMAL ID | |
|--|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|-----------|--|
| | | 0732 | 0735 | 0485 | 0366 | 0735 | 0731 | 0637 | 0015 | 0709 | 0682 | 0735 | 0502 | 0015 | 0625 | 0702 | | | |
| | | 0041 | 0042 | 0043 | 0044 | 0045 | 0046 | 0047 | 0048 | 0049 | 0050 | 0051 | 0052 | 0053 | 0054 | 0055 | | | |
| | | | | | | | | | | | | | | | | | | * TOTALS | |
| Thyroid Gland | | + | + | + | | + | + | + | | + | + | + | + | | + | + | 50 | | |
| Ultimobranchial Cyst | | | | | | | | | | | | | | | | | 2 | 3.0 | |
| C-cell, Hyperplasia | | | | | | | | | | | | | | | | | 8 | 1.3 | |
| Follicle, Cyst | | | | | | | | | | | | | | | | | 2 | 3.0 | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | |
| Tissue NOS | | | | | | | | | | | | | | | | | | 1 | |
| GENITAL SYSTEM | | | | | | | | | | | | | | | | | | | |
| Clitoral Gland | | + | + | + | | + | + | + | | + | + | + | + | | + | + | 50 | | |
| Cyst | | | | | | | | | | | | | | | | | 2 | 3.0 | |
| Hyperplasia | | | | 2 | | | | | | | | | | | | | 3 | 2.3 | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | 2 | 3.0 | |
| Ovary | | + | + | + | | + | + | + | | + | + | + | + | | + | + | 50 | | |
| Cyst | | | | | | | | | | | | 3 | | | | | 8 | 3.0 | |
| Uterus | | + | + | + | | + | + | + | | + | + | + | + | | + | + | 50 | | |
| Hyperplasia, Cystic | | | | 3 | | | 3 | | | | | 2 | | | | | 12 | 2.2 | |
| Vagina | | | | + | | | | | | + | | + | | | + | + | 9 | | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | | |
| Bone Marrow | | + | + | + | | + | + | + | | + | + | + | + | | + | + | 50 | | |
| Hyperplasia | | | | | | | | | | | | | | | | | 2 | 3.5 | |
| Myelofibrosis | | | | | | | | | | | | | | | | | 2 | 2.5 | |
| Lymph Node | | | | + | | | | | | | | + | | | | | 8 | | |
| * .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade | | | | | | | | | | | | | | | | | | | |
| + .. Tissue examined microscopically | | | | | | | | | | | | | | | | | | | |
| X .. Lesion present | | | | | | | | | | | | | | | | | | | |
| I .. Insufficient tissue | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

TDMS No. 88133 - 07
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Trimethylolpropane triacrylate

CAS Number: 15625-89-5

Date Report Requested: 03/31/2010

Time Report Requested: 13:41:41

First Dose M/F: 01/18/05 / 01/18/05

Lab: SRI

| FISCHER 344 RATS FEMALE

1.0 MG/KG | | DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
|---|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|-----|
| | | 7 | 7 | 4 | 3 | 7 | 6 | 7 | 5 | 6 | 7 | 5 | 0 | 1 | 2 | 5 | | |
| | | 3 | 3 | 8 | 6 | 3 | 3 | 1 | 5 | 9 | 2 | 5 | 2 | 5 | 2 | 5 | 2 | |
| 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 | | |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | * TOTALS | |
| Mediastinal, Ectasia | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Mediastinal, Hemorrhage | | | | | | | | | | | | | | | | | 2 | 2.5 |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Mediastinal, Pigmentation | | | | | | | | | | | | | | | | | 2 | 3.0 |
| Lymph Node, Mandibular | | M | M | M | | M | M | M | | M | M | M | M | | M | M | 0 | |
| Lymph Node, Mesenteric | | + | + | + | | + | + | + | | + | + | + | + | | + | + | 50 | |
| Ectasia | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Hemorrhage | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | 14 | 2.1 |
| Pigmentation | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Spleen | | + | + | + | | + | + | + | | + | + | + | + | | + | + | 50 | |
| Fibrosis | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | 17 | 2.2 |
| Necrosis | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Pigmentation | | | | | | | | | | | | | | | | | 6 | 3.0 |
| Lymphoid Follicle, Atrophy | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Thymus | | + | + | M | | + | + | + | | + | + | + | + | | + | + | 46 | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | |
| Mammary Gland | | + | + | + | | + | + | + | | + | + | + | + | | + | + | 50 | |
| Hyperplasia | | 3 | 3 | | | 4 | 4 | 3 | | 3 | 3 | 2 | 3 | | 2 | 3 | 45 2.8 | |
| Skin | | + | + | + | | + | + | + | | + | + | + | + | | + | + | 50 | |
| Epidermis, Site Of Application, Hyperplasia | | 1 | | | | 1 | | | | | | | | | | | 11 1.0 | |
| Site Of Application, Hyperkeratosis | | 1 | 1 | 1 | | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | | 1 | 1 | 42 1.0 | |

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

+ .. Tissue examined microscopically

X .. Lesion present

1 .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE | | DAY ON TEST | | | | | | | | | | | | | | | | |
|-------------------------|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|----------|
| | | 0732 | 0735 | 0485 | 0366 | 0735 | 0731 | 0637 | 0015 | 0709 | 0682 | 0735 | 0502 | 0015 | 0655 | 0722 | | |
| 1.0 MG/KG | | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | | |
| | | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 440 | 441 | 442 | 443 | 444 | 445 | | |
| | | ANIMAL ID | | | | | | | | | | | | | | | | |
| | | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | 0044 | | |
| | | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 440 | 441 | 442 | 443 | 444 | 445 | | |
| | | | | | | | | | | | | | | | | | | * TOTALS |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|--|---|---|---|---|---|---|---|---|--|---|---|--|-------|
| Bone | + | + | + | | + | + | + | | + | + | + | + | | + | + | | 50 |
| Fibrous Osteodystrophy | | | | | | | | 2 | | | | | | | | | 1 2.0 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | 1 |
| Cyst | | | | | | | | | | | | | | | | | 1 3.0 |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | |
|------------------|---|---|---|--|---|---|---|--|---|---|---|---|--|---|---|--|--------|
| Brain | + | + | + | | + | + | + | | + | + | + | + | | + | + | | 50 |
| Compression | 3 | | | | 3 | 4 | | | | 4 | | 4 | | 4 | 3 | | 18 3.1 |
| Hemorrhage | | | 3 | | | | | | | 3 | | | | | | | 4 2.8 |
| Necrosis | | | | | | | | | | | | | | | | | 1 4.0 |
| Peripheral Nerve | | + | | | | | | | | | | | | | | | 3 |
| Spinal Cord | | + | | | | | | | | | | | | | | | 3 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|--|---|---|---|--|---|---|---|---|--|---|---|--|--------|
| Lung | + | + | + | | + | + | + | | + | + | + | + | | + | + | | 50 |
| Edema | | | | | | | | | | | | | | | | | 1 2.0 |
| Hemorrhage | | | | | 3 | 1 | | | | | | 2 | | | | | 10 2.0 |
| Infiltration Cellular, Histiocyte | | | 1 | | 1 | 1 | | | 1 | | 1 | 1 | | | 1 | | 28 1.1 |
| Inflammation, Chronic | 1 | 1 | | | | | | | | | 1 | | | | 1 | | 15 1.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | 1 4.0 |
| Metaplasia, Osseous | | | | | | | | | | | | | | | | | 1 1.0 |
| Pigmentation, Hemosiderin | 1 | 1 | | | | 2 | | | | | | | | | | | 14 1.2 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | 2 | | 3 1.3 |

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

1.0 MG/KG | | DAY ON TEST | | | | | | | | | | | | | | | | ANIMAL ID | | | |
|---|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----|-----------|--|--|--|
| | | 0
7
3
2 | 0
7
3
5 | 0
4
8
5 | 0
3
6
6 | 0
7
3
5 | 0
7
3
1 | 0
6
3
7 | 0
0
1
5 | 0
7
0
9 | 0
6
8
2 | 0
7
3
5 | 0
5
0
2 | 0
0
1
5 | 0
6
2
5 | 0
7
0
2 | | | | | |
| | | 0
0
4
4
4
1 | 0
0
4
4
4
2 | 0
0
4
4
4
3 | 0
0
4
4
4
4 | 0
0
4
4
4
5 | 0
0
4
4
4
6 | 0
0
4
4
4
7 | 0
0
4
4
4
8 | 0
0
4
4
4
9 | 0
0
4
4
5
0 | 0
0
4
4
5
1 | 0
0
4
4
5
2 | 0
0
4
4
5
3 | 0
0
4
4
5
4 | 0
0
4
4
5
5 | | | | | |
| | | | | | | | | | | | | | | | | | | * TOTALS | | | |
| Nose | | + | + | + | | + | + | + | | + | + | + | + | | + | + | 50 | | | | |
| Foreign Body | | | | | | | | | | X | | | | | | | 2 | | | | |
| Inflammation, Chronic | | | | | | | | | | 2 | | | 1 | | | 1 | 4 | 1.3 | | | |
| Trachea | | + | + | + | | + | + | + | | + | + | + | + | | + | + | 50 | | | | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| Eye | | + | + | + | | + | + | + | | + | + | + | + | | + | + | 50 | | | | |
| Cataract | | | | 3 | | | | | | 1 | | | | | | | 5 | 1.8 | | | |
| Inflammation, Acute | | | | | 2 | | | | | | | | | | | | 1 | 2.0 | | | |
| Retina, Degeneration | | | | 4 | | | | | | 3 | 2 | | | | | | 11 | 2.3 | | | |
| Harderian Gland | | + | + | + | | + | + | + | | + | + | + | + | | + | + | 50 | | | | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| Kidney | | + | + | + | | + | + | + | | + | + | + | + | | + | + | 50 | | | | |
| Cyst | | | | | | | | | | | | 3 | | | | | 2 | 3.0 | | | |
| Infarct | | | | | | | | | | | | | | | | | 2 | 2.5 | | | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | 1 | 1.0 | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | 1 | 2.0 | | | |
| Nephropathy | | 2 | 1 | 2 | | 1 | 3 | 1 | | 4 | 2 | 2 | 3 | | 3 | 3 | 36 | 1.8 | | | |
| Renal Tubule, Accumulation, Hyaline Droplet | | | | | | | | | | | | | | | | | 1 | 2.0 | | | |
| Renal Tubule, Necrosis | | | | | | | | | | | | | | | | | 1 | 3.0 | | | |
| Renal Tubule, Pigmentation | | | | | | | | | | | | | | | | | 3 | 2.7 | | | |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | 1 | | | | | | | 3 | 2.0 | | | |
| Urinary Bladder | | + | + | + | | + | + | + | | + | + | + | + | | + | + | 49 | | | | |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE | | DAY ON TEST | | females
(cont...) |
|-------------------------|--|-------------|----------------------|
| | | 0731 | 0471 | 0729 | 0731 | 0278 | 0705 | 0071 | 0732 | 0731 | 0366 | 0735 | 0438 | 0735 | 0434 | 0769 | 0011 | 0011 | 0711 | 0722 | 0366 | 0366 | 0735 | 0731 | 0652 | |
| 3.0 MG/KG | | ANIMAL ID | | females
(cont...) |
| | | 00456 | 00457 | 00458 | 00459 | 00460 | 00461 | 00462 | 00463 | 00464 | 00465 | 00466 | 00467 | 00468 | 00469 | 00470 | 00471 | 00472 | 00473 | 00474 | 00475 | 00476 | 00477 | 00478 | 00479 | |
| | | 4 | 4 |
| | | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 |
| | | 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 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|---|---|---|---|---|--|---|---|--|---|---|---|---|---|---|--|---|---|--|--|---|---|---|---|---|--|
| Esophagus | + | + | + | + | + | + | | + | + | | + | + | + | + | + | + | | + | + | | | | + | + | + | | |
| Intestine Large, Cecum | + | + | + | + | + | + | | + | + | | + | + | + | + | + | + | | + | + | | | | + | + | + | | |
| Intestine Large, Colon | + | + | + | + | + | + | | + | + | | + | + | + | + | + | + | | + | + | | | | + | + | + | | |
| Intestine Large, Rectum | + | + | + | + | + | + | | + | + | | + | + | + | + | + | + | | + | + | | | | + | + | + | | |
| Intestine Small, Duodenum | + | + | + | + | + | + | | + | + | | + | + | + | + | + | + | | + | + | | | | + | + | + | | |
| Intestine Small, Ileum | + | + | + | + | + | + | | + | + | | + | A | + | + | + | + | | + | + | | | | + | + | + | | |
| Intestine Small, Jejunum | + | A | + | + | + | + | | + | + | | + | + | + | + | + | + | | + | + | | | | + | + | + | | |
| Liver | + | + | + | + | + | + | | + | + | | + | + | + | + | + | + | | + | + | | | | + | + | + | | |
| Angiectasis | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| Basophilic Focus | X | X | X | X | X | X | | X | X | | X | | X | | X | X | | X | X | | | | X | X | X | | |
| Clear Cell Focus | | | X | | | | | X | | | | | | | X | | | | | | | | | | | | |
| Eosinophilic Focus | X | | | | | | | | | | X | | | | | | | | | | | | | | | X | |
| Fatty Change | | | | | | | | | | | | | | | | | | | | | | | 3 | | | 2 | |
| Hepatodiaphragmatic Nodule | | | X | X | X | | | | | | | X | | | | | | | | | | X | | | | | |
| Infiltration Cellular, Mixed Cell | | | | | 1 | 1 | | | | | | | 2 | | | 3 | | | | | | 3 | | 2 | | | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mixed Cell Focus | | | X | | X | X | | X | | | | | | | | | | | | | | | | | X | | |
| Bile Duct, Hyperplasia | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | |
| Hepatocyte, Eosinophilic Focus | | | | | | | | | | | | | | | X | | | | | | | | | | | | |
| Hepatocyte, Mitotic Alteration | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| Hepatocyte, Vacuolization Cytoplasmic | | | 3 | | | | | | | | | | | | | | | | | | | 3 | | | | | |

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

3.0 MG/KG | DAY ON TEST | 0731 | 0471 | 0729 | 0731 | 0298 | 0735 | 0091 | 0732 | 0731 | 0366 | 0735 | 0438 | 0735 | 0434 | 0769 | 0091 | 0091 | 0731 | 0732 | 0366 | 0366 | 0735 | 0731 | 0635 | 0731 | 0635 | females
(cont...) | |
|--|-------------|----------------------|-------|
| | ANIMAL ID | 00456 | 00457 | 00448 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00444 | 00446 | 00444 | 00444 | 00444 | 00447 | 00447 | 00447 | 00447 | 00447 | 00444 | 00444 | 00444 | 00447 | 00444 | 00447 | 00448 | | 00440 |
| | | | |
| Mesentery | | | | + | | | + | | + | | | | | | | | + | | | | + | | | + | + | | | | |
| Accessory Spleen | | | |
| Fat, Necrosis | | | | 3 | | | 3 | | 2 | | | | | | | | 3 | | | | 3 | | | 3 | | | | | |
| Pancreas | | + | + | + | + | + | + | | + | + | | + | + | + | + | + | + | | | + | + | | | + | + | + | | | |
| Atrophy | | | | | | | | | 1 | | | | | | | | 2 | | | | | | | | | | | | |
| Cyst | | | | | | | | | | | | | | | | | | | | 3 | | | | | | 3 | | | |
| Acinus, Hyperplasia, Focal | | | |
| Salivary Glands | | + | + | + | + | + | + | | + | + | | + | + | + | + | + | + | | | + | + | | | + | + | + | | | |
| Atrophy | | | |
| Stomach, Forestomach | | + | + | + | + | + | + | | + | + | | + | + | + | + | + | + | | | + | + | | | + | + | + | | | |
| Edema | | | |
| Inflammation, Chronic Active | | | | 3 | | |
| Ulcer | | | |
| Epithelium, Hyperplasia | | | | 3 | | |
| Stomach, Glandular | | + | + | + | + | + | + | | + | + | | + | + | + | + | + | + | | | + | + | | | + | + | + | | | |
| Erosion | | | | 1 | | |
| Ulcer | | | |
| Glands, Hyperplasia | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|--|---|---|--|---|---|---|---|---|---|--|--|---|---|--|--|---|---|---|--|--|
| Heart | + | + | + | + | + | + | | + | + | | + | + | + | + | + | + | | | + | + | | | + | + | + | | |
| Cardiomyopathy | 2 | | 3 | 1 | | | | 2 | 3 | | 3 | | | | | 2 | | | 3 | 1 | | | 1 | 1 | | | |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|--|---|---|--|---|---|---|---|---|---|--|--|---|---|--|--|---|---|---|--|--|
| Adrenal Cortex | + | + | + | + | + | + | | + | + | | + | + | + | + | + | + | | | + | + | | | + | + | + | | |
|----------------|---|---|---|---|---|---|--|---|---|--|---|---|---|---|---|---|--|--|---|---|--|--|---|---|---|--|--|

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

3.0 MG/KG | | DAY ON TEST | | | | | females
(cont...) |
|--|--|-----------------------|--|--|--|----------------------|
| | | 0
7
3
1 | 0
4
7
1 | 0
7
2
9 | 0
7
3
1 | 0
2
9
8 | 0
7
3
5 | 0
0
9
1 | 0
7
3
2 | 0
7
3
1 | 0
3
6
6 | 0
7
4
5 | 0
4
3
8 | 0
7
4
5 | 0
4
6
4 | 0
7
2
9 | 0
6
6
9 | 0
0
9
1 | 0
0
9
1 | 0
7
3
1 | 0
7
2
2 | 0
3
6
6 | 0
3
6
6 | 0
7
3
5 | 0
7
3
1 | 0
6
5
2 | | | | |
| | | 0
0
4
5
6 | 0
0
4
5
7 | 0
0
4
5
8 | 0
0
4
5
9 | 0
0
4
6
0 | 0
0
4
6
1 | 0
0
4
6
2 | 0
0
4
6
3 | 0
0
4
6
4 | 0
0
4
6
5 | 0
0
4
6
6 | 0
0
4
6
7 | 0
0
4
6
8 | 0
0
4
6
9 | 0
0
4
7
0 | 0
0
4
7
1 | 0
0
4
7
2 | 0
0
4
7
3 | 0
0
4
7
4 | 0
0
4
7
5 | 0
0
4
7
6 | 0
0
4
7
7 | 0
0
4
7
8 | 0
0
4
7
9 | 0
0
4
8
0 | | | | |
| Accessory Adrenal Cortical Nodule
Degeneration, Fatty
Hyperplasia, Focal
Hypertrophy, Focal | | | | | | |
| | | | | | | |
| Adrenal Medulla
Hyperplasia | | | | | | |
| Islets, Pancreatic | | | | | | |
| Parathyroid Gland | | | | | | |
| Pituitary Gland | | | | | | |
| Pars Distalis, Angiectasis | | | | | | |
| Pars Distalis, Cyst | | | | | | |
| Pars Distalis, Hyperplasia | | | | | | |
| Pars Distalis, Hypertrophy, Focal | | | | | | |
| Pars Intermedia, Angiectasis | | | | | | |
| Pars Intermedia, Cyst | | | | | | |
| Thyroid Gland | | | | | | |
| C-cell, Hyperplasia | | | | | | |
| Follicle, Cyst | | | | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|--|---|---|--|---|---|---|---|---|---|--|---|---|--|--|--|---|---|---|--|--|
| Clitoral Gland | + | + | + | + | + | + | | + | + | | + | + | + | + | + | + | | + | + | | | | + | + | + | | |
|----------------|---|---|---|---|---|---|--|---|---|--|---|---|---|---|---|---|--|---|---|--|--|--|---|---|---|--|--|

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

3.0 MG/KG | | DAY ON TEST | | | | | females
(cont...) |
|--|--|-----------------------|---|--|--|----------------------|
| | | 0
7
3
1 | 0
4
7
1 | 0
7
2
9 | 0
7
3
1 | 0
2
9
8 | 0
7
3
5 | 0
0
9
1 | 0
7
3
2 | 0
7
3
1 | 0
3
6
6 | 0
7
4
5 | 0
4
3
8 | 0
7
4
5 | 0
4
6
4 | 0
7
2
9 | 0
6
6
9 | 0
0
9
1 | 0
0
9
1 | 0
7
3
1 | 0
7
2
2 | 0
3
6
6 | 0
3
6
6 | 0
7
3
5 | 0
7
3
1 | 0
6
5
2 | | | | |
| | | 0
0
4
5
6 | 0
0
4
5
7 | 0
0
4
5
8 | 0
0
4
5
9 | 0
0
4
6
0 | 0
0
4
6
1 | 0
0
4
6
2 | 0
0
4
6
3 | 0
0
4
6
4 | 0
0
4
6
5 | 0
0
4
6
6 | 0
0
4
6
7 | 0
0
4
6
8 | 0
0
4
6
9 | 0
0
4
7
0 | 0
0
4
7
1 | 0
0
4
7
2 | 0
0
4
7
3 | 0
0
4
7
4 | 0
0
4
7
5 | 0
0
4
7
6 | 0
0
4
7
7 | 0
0
4
7
8 | 0
0
4
7
9 | 0
0
4
8
0 | | | | |
| Hyperplasia
Inflammation, Chronic | | 2 | | | | |
| Ovary
Cyst | | + | + | + | + | + | + | | + | + | | + | + | + | + | + | | | + | + | | | | + | + | + | | | | |
| Uterus
Hyperplasia, Cystic | | + | + | + | + | + | + | | + | + | | + | + | + | + | + | | | + | + | | | | + | + | + | | | | |
| Vagina | | | | | | + |
| HEMATOPOIETIC SYSTEM | | | | | | |
| Bone Marrow
Hyperplasia
Infiltration Cellular, Histiocyte
Myelofibrosis | | + | + | + | + | + | + | | + | + | | + | + | + | + | + | + | | | + | + | | | | + | + | + | | | |
| Lymph Node
Mediastinal, Hemorrhage
Mediastinal, Hyperplasia, Lymphoid
Mediastinal, Pigmentation | | | | | | |
| Lymph Node, Mandibular | | M | M | M | M | M | M | | M | M | | M | M | M | M | M | M | | | M | M | | | | M | M | M | | | |
| Lymph Node, Mesenteric
Ectasia
Hemorrhage
Hyperplasia, Lymphoid
Pigmentation | | + | + | + | + | + | + | | + | + | | + | + | + | + | + | + | | | + | + | | | | + | + | + | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

3.0 MG/KG | DAY ON TEST | 0
7
3
1 | 0
4
7
1 | 0
7
2
9 | 0
7
3
1 | 0
2
9
8 | 0
7
3
5 | 0
0
9
1 | 0
7
3
2 | 0
7
3
1 | 0
3
6
6 | 0
7
4
5 | 0
4
3
8 | 0
7
3
5 | 0
4
6
4 | 0
7
2
9 | 0
6
9
9 | 0
0
9
1 | 0
0
9
1 | 0
7
3
1 | 0
7
2
2 | 0
3
6
6 | 0
3
6
6 | 0
7
3
5 | 0
7
3
1 | 0
6
5
2 | females
(cont...) | |
|---|-------------|----------------------|--|
| | ANIMAL ID | 0
0
4
5
6 | 0
0
4
5
7 | 0
0
4
5
8 | 0
0
4
5
9 | 0
0
4
6
0 | 0
0
4
6
1 | 0
0
4
6
2 | 0
0
4
6
3 | 0
0
4
6
4 | 0
0
4
6
5 | 0
0
4
6
6 | 0
0
4
6
7 | 0
0
4
6
8 | 0
0
4
6
9 | 0
0
4
7
0 | 0
0
4
7
1 | 0
0
4
7
2 | 0
0
4
7
3 | 0
0
4
7
4 | 0
0
4
7
5 | 0
0
4
7
6 | 0
0
4
7
7 | 0
0
4
7
8 | 0
0
4
7
9 | 0
0
4
8
0 | | |
| | | | |
| Spleen | | + | + | + | + | + | + | | + | + | | + | + | + | + | + | + | | | | + | + | | | + | + | + | |
| Hematopoietic Cell Proliferation | | | 2 | 2 | | | | | | 2 | | | | 2 | | 2 | | | | | | | | | | 2 | | |
| Infiltration Cellular, Mixed Cell | | | |
| Necrosis | | | |
| Pigmentation | | | | | | 3 | | | | | | | 3 | | | | | | | | | 3 | | | | | | |
| Lymphoid Follicle, Atrophy | | | |
| Thymus | | + | + | + | + | + | + | | + | + | | + | + | + | + | + | + | | | | + | + | | | + | + | + | |
| INTEGUMENTARY SYSTEM | | | |
| Mammary Gland | | + | + | + | + | + | + | | + | + | | + | + | + | + | + | + | | | | + | + | | | + | + | + | |
| Hyperplasia | | 3 | 3 | 3 | 2 | 2 | | | 2 | 2 | | 3 | | 2 | | 4 | 3 | | | | 3 | 2 | | | 2 | 2 | 3 | |
| Skin | | + | + | + | + | + | + | | + | + | | + | + | + | + | + | + | | | | + | + | | | + | + | + | |
| Edema | | | |
| Ulcer | | | |
| Epidermis, Hyperplasia | | | |
| Epidermis, Site Of Application, Hyperplasia | | | | 1 | | 1 | 1 | | | 1 | 1 | | 1 | 1 | 1 | | 1 | | | | | 1 | | | | 1 | 1 | |
| Site Of Application, Hyperkeratosis | | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | | | | 1 | 1 | | | 1 | 1 | 1 | |
| Subcutaneous Tissue, Necrosis | | | 2 | | | | | | |
| MUSCULOSKELETAL SYSTEM | | | |
| Bone | | + | + | + | + | + | + | | + | + | | + | + | + | + | + | + | | | | + | + | | | + | + | + | |
| NERVOUS SYSTEM | | | |
| Brain | | + | + | + | + | + | + | | + | + | | + | + | + | + | + | + | | | | + | + | | | + | + | + | |
| Compression | | | 4 | 1 | | 4 | | | | | | | | | | 3 | 4 | | | | | 4 | | | | | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

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

Hemorrhage

Peripheral Nerve

Spinal Cord

RESPIRATORY SYSTEM

Lung

Edema

Foreign Body

Hemorrhage

Infiltration Cellular, Histiocyte

Inflammation, Chronic

Pigmentation, Hemosiderin

Alveolar Epithelium, Hyperplasia

Nose

Foreign Body

Inflammation, Chronic

Trachea

SPECIAL SENSES SYSTEM

Eye

Cataract

Retina, Degeneration

Harderian Gland

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE | DAY ON TEST |
|-------------------------|-------------------|
| | 0731 | 0471 | 0771 | 0728 | 0775 | 0701 | 0773 | 0773 | 0736 | 0743 | 0773 | 0743 | 0764 | 0776 | 0709 | 0709 | 0773 | 0772 | 0736 | 0736 | 0773 | 0773 | 0736 | 0736 | 0773 | 0773 | 0765 | 0762 |
| 3.0 MG/KG | 00456 | 00445 | 00445 | 00445 | 00460 | 00400 |
| ANIMAL ID | 456 | 445 | 445 | 445 | 460 | 400 |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
| | females (cont...) | |

URINARY SYSTEM

| |
|--------------------------------------|
| Kidney | + |
| Nephropathy | 1 | 1 | 1 | 1 | | | 1 | 1 | | 1 | | | 1 | 2 | 2 | | 2 | | | | 1 | 2 | 2 | | | | |
| Renal Tubule, Pigmentation |
| Transitional Epithelium, Hyperplasia | |
| Urinary Bladder | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | | + | + | | + | + | + | | | | | |

* .. 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

Species/Strain: RATS/F 344/N

CAS Number: 15625-89-5

Lab: SRI[illegible]

Esophagus

Intestine Large, Cecum

Intestine Large, Colon

Intestine Large, Rectum

Intestine Small, Duodenum

Intestine Small. Ileum

Intestine Small, Jejunum

Liver

Angiectasis

Basophilic Focus

Clear Cell Focus

Eosinophilic Focus

Fatty Change

Hepatodiaphragmatic Nodule

Infiltration Cellular, Mixed Cell

Inflammation, Chronic

Mixed Cell Focus

Bile Duct, Hyperplasia

Hepatocyte, Eosinophilic Focus

Hepatocyte, Mitotic Alteration

Hepatocyte, Vacuolization Cytoplasmic

1 .. Insufficient tissue

BLANK .. Not examined microscopically

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

3.0 MG/KG | | DAY ON TEST | | | | | females
(cont...) |
|--|--|-----------------------|--|--|--|----------------------|
| | | 0
7
3
2 | 0
3
6
6 | 0
0
9
1 | 0
4
1
7 | 0
7
2
9 | 0
6
2
5 | 0
0
1
5 | 0
7
3
1 | 0
7
3
1 | 0
3
7
9 | 0
7
3
1 | 0
7
2
9 | 0
7
2
9 | 0
7
3
5 | 0
7
3
2 | 0
0
9
1 | 0
6
0
6 | 0
7
2
9 | 0
7
3
2 | 0
7
3
5 | 0
6
9
0 | 0
3
6
6 | 0
6
9
1 | 0
7
3
1 | 0
7
0
4 | | | | |
| ANIMAL ID | | 0
0
4
8
1 | 0
0
4
8
2 | 0
0
4
8
3 | 0
0
4
8
4 | 0
0
4
8
5 | 0
0
4
8
6 | 0
0
4
8
7 | 0
0
4
8
8 | 0
0
4
8
9 | 0
0
4
9
0 | 0
0
4
9
1 | 0
0
4
9
2 | 0
0
4
9
3 | 0
0
4
9
4 | 0
0
4
9
5 | 0
0
4
9
6 | 0
0
4
9
7 | 0
0
4
9
8 | 0
0
4
9
9 | 0
0
5
0
0 | 0
0
5
0
1 | 0
0
5
0
2 | 0
0
5
0
3 | 0
0
5
0
4 | 0
0
5
0
5 | | | | |
| Mesentery | | | | | | |
| Accessory Spleen | | | | | | |
| Fat, Necrosis | | | | | | |
| Pancreas | | | | | | |
| Atrophy | | | | | | |
| Cyst | | | | | | |
| Acinus, Hyperplasia, Focal | | | | | | |
| Salivary Glands | | | | | | |
| Atrophy | | | | | | |
| Stomach, Forestomach | | | | | | |
| Edema | | | | | | |
| Inflammation, Chronic Active | | | | | | |
| Ulcer | | | | | | |
| Epithelium, Hyperplasia | | | | | | |
| Stomach, Glandular | | | | | | |
| Erosion | | | | | | |
| Ulcer | | | | | | |
| Glands, Hyperplasia | | | | | | |
| CARDIOVASCULAR SYSTEM | | | | | | |
| Heart | | | | | | |
| Cardiomyopathy | | | | | | |
| ENDOCRINE SYSTEM | | | | | | |
| Adrenal Cortex | | | | | | |
| * .. 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 | | | | | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

3.0 MG/KG | DAY ON TEST | 0
7
3
2 | 0
3
6
6 | 0
0
9
1 | 0
4
1
7 | 0
7
2
9 | 0
6
2
5 | 0
0
1
5 | 0
7
3
1 | 0
7
3
1 | 0
3
7
9 | 0
7
3
1 | 0
7
2
9 | 0
7
2
9 | 0
7
3
5 | 0
7
3
2 | 0
0
9
1 | 0
6
0
6 | 0
7
2
9 | 0
7
3
2 | 0
7
3
5 | 0
6
9
0 | 0
3
6
6 | 0
6
9
1 | 0
7
3
1 | 0
7
0
4 | females
(cont...) | |
|--|-------------|----------------------|--|
| | ANIMAL ID | 0
0
4
8
1 | 0
0
4
8
2 | 0
0
4
8
3 | 0
0
4
8
4 | 0
0
4
8
5 | 0
0
4
8
6 | 0
0
4
8
7 | 0
0
4
8
8 | 0
0
4
8
9 | 0
0
4
9
0 | 0
0
4
9
1 | 0
0
4
9
2 | 0
0
4
9
3 | 0
0
4
5
4 | 0
0
4
5
5 | 0
0
4
6
6 | 0
0
4
7
7 | 0
0
4
8
8 | 0
0
4
9
9 | 0
0
5
0
0 | 0
0
5
0
1 | 0
0
5
0
2 | 0
0
5
0
3 | 0
0
5
0
4 | 0
0
5
0
5 | | |
| | | | |
| Accessory Adrenal Cortical Nodule
Degeneration, Fatty
Hyperplasia, Focal
Hypertrophy, Focal | | 3
1
1 | | | | | | | | | | | 2
1 | | 3 | | 3 | | 3
1 | 2
2 | 1
3 | 1
1 | | | | 1
2 | 1
1 | |
| | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | |
| Adrenal Medulla
Hyperplasia | | + | | | + | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | | | + | + | + | | |
| Islets, Pancreatic | | + | | | + | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | | | + | + | + | | |
| Parathyroid Gland | | + | | | M | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | | | + | + | + | | |
| Pituitary Gland | | + | | | + | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | | | + | + | + | | |
| Pars Distalis, Angiectasis | | | |
| Pars Distalis, Cyst | | 3 | | | | 3 | | | 3 | 3 | | | | 3 | | 3 | | | | | 3
3 | | | | | | | |
| Pars Distalis, Hyperplasia | | | | | | 3 | | | 2 | | | | | | | | | | | | | | | | | 2 | | |
| Pars Distalis, Hypertrophy, Focal | | | |
| Pars Intermedia, Angiectasis | | | | | | | | | 3 | | | | | | | | | | | | | | | | | 3 | | |
| Pars Intermedia, Cyst | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | |
| Thyroid Gland | | + | | | + | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | | | + | + | + | | |
| C-cell, Hyperplasia | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| Follicle, Cyst | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|--|--|---|---|---|--|---|---|---|---|---|---|--|--|---|---|---|---|---|--|--|---|---|---|--|--|
| Clitoral Gland | + | | | + | + | + | | + | + | + | + | + | + | | | + | + | + | + | + | | | + | + | + | | |
|----------------|---|--|--|---|---|---|--|---|---|---|---|---|---|--|--|---|---|---|---|---|--|--|---|---|---|--|--|

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

3.0 MG/KG | | DAY ON TEST | | | | | females
(cont...) |
|--|--|-----------------------|---|---|--|----------------------|
| | | 0
7
3
2 | 0
3
6
6 | 0
0
9
1 | 0
4
1
7 | 0
7
2
9 | 0
6
2
5 | 0
0
1
5 | 0
7
3
1 | 0
7
3
1 | 0
3
7
9 | 0
7
3
1 | 0
7
2
9 | 0
7
2
9 | 0
7
3
5 | 0
7
3
2 | 0
0
9
1 | 0
6
0
6 | 0
7
2
9 | 0
7
3
2 | 0
7
3
5 | 0
6
9
0 | 0
3
6
6 | 0
6
9
1 | 0
7
3
1 | 0
7
0
4 | | | | |
| | | 0
0
4
8
1 | 0
0
4
8
2 | 0
0
4
8
3 | 0
0
4
8
4 | 0
0
4
8
5 | 0
0
4
8
6 | 0
0
4
8
7 | 0
0
4
8
8 | 0
0
4
8
9 | 0
0
4
9
0 | 0
0
4
9
1 | 0
0
4
9
2 | 0
0
4
9
3 | 0
0
4
9
4 | 0
0
4
9
5 | 0
0
4
9
6 | 0
0
4
9
7 | 0
0
4
9
8 | 0
0
5
0
9 | 0
0
5
0
0 | 0
0
5
0
1 | 0
0
5
0
2 | 0
0
5
0
3 | 0
0
5
0
4 | 0
0
5
0
5 | | | | |
| Hyperplasia
Inflammation, Chronic | | 4 | | | | | 3 | | | | | | | | | | 3 | | | | | 2 | | | | | | | | |
| Ovary
Cyst | | + | | | + | + | + | | | + | + | + | + | + | + | | | + | + | + | + | + | | | + | + | + | | | |
| | | | | 3 | 3 | | | | | | | | | 3 | | | | | 3 | | | | | | | | | | | |
| Uterus
Hyperplasia, Cystic | | + | | | + | + | + | | | + | + | + | + | + | + | | | + | + | + | + | + | | | + | + | + | | | |
| | | | | | | | | | | | | 3 | 1 | | | | | | + | + | + | + | + | | | + | + | + | | |
| Vagina | | | | | | | + | | | | | | | | | | + | | | | | + | | | | | | | | |
| HEMATOPOIETIC SYSTEM | | | | | | |
| Bone Marrow
Hyperplasia
Infiltration Cellular, Histiocyte
Myelofibrosis | | + | | | + | + | + | | | + | + | + | + | + | + | | | + | + | + | + | + | | | + | + | + | | | |
| | | | | | | 2 | | | | | | 2 | | | | | | | | | | 4 | | | | | | | | |
| Lymph Node
Mediastinal, Hemorrhage
Mediastinal, Hyperplasia, Lymphoid
Mediastinal, Pigmentation | | | | + | | | + | | | | | + | | | | | | | | | | | | | | | | | | |
| | | | | 3 | | | | |
| Lymph Node, Mandibular | | M | | | M | M | M | | | M | M | M | M | M | M | | | M | M | M | M | M | | | M | M | M | | | |
| Lymph Node, Mesenteric
Ectasia
Hemorrhage
Hyperplasia, Lymphoid
Pigmentation | | + | | | + | + | + | | | + | + | + | + | + | + | | | + | + | + | + | + | | | + | + | + | | | |
| | | | | | | | | | | 2 | | | | | | | | | | 2 | | | | | | | | | | |
| | | | | | | 2 | | | | | | | | 2 | | 2 | | | | 1 | | | | 2 | | 2 | | | | |

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

3.0 MG/KG | DAY ON TEST | | females
(cont...) |
|---|----------------------|
| | 0
7
3
2 | 0
3
6
6 | 0
0
9
1 | 0
4
1
7 | 0
7
2
9 | 0
6
2
5 | 0
0
1
5 | 0
7
3
1 | 0
7
3
1 | 0
3
7
9 | 0
7
3
1 | 0
7
2
9 | 0
7
2
9 | 0
7
3
5 | 0
7
3
2 | 0
0
9
1 | 0
6
0
6 | 0
7
2
9 | 0
7
3
2 | 0
7
3
5 | 0
6
9
0 | 0
3
6
6 | 0
6
9
1 | 0
7
3
1 | 0
7
0
4 | |
| ANIMAL ID | 0
0
4
8
1 | 0
0
4
8
2 | 0
0
4
8
3 | 0
0
4
8
4 | 0
0
4
8
5 | 0
0
4
8
6 | 0
0
4
8
7 | 0
0
4
8
8 | 0
0
4
8
9 | 0
0
4
9
0 | 0
0
4
9
1 | 0
0
4
9
2 | 0
0
4
9
3 | 0
0
4
9
4 | 0
0
4
9
5 | 0
0
4
9
6 | 0
0
4
9
7 | 0
0
4
9
8 | 0
0
4
9
9 | 0
0
4
9
0 | 0
0
4
9
1 | 0
0
4
9
2 | 0
0
4
9
3 | 0
0
4
9
4 | 0
0
4
9
5 | |
| Spleen | + | | | + | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | | + | + | + | | |
| Hematopoietic Cell Proliferation | | | | | 2 | | | | | | | | | 2 | | | | | | | | | 2 | | 2 | |
| Infiltration Cellular, Mixed Cell | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| Necrosis | 3 | | | | | |
| Pigmentation | | | | | | | | | | | 3 | | | | | | 3 | | | | | | | | | |
| Lymphoid Follicle, Atrophy | |
| Thymus | + | | | + | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | | + | + | + | | |
| INTEGUMENTARY SYSTEM | |
| Mammary Gland | + | | | + | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | | + | + | + | | |
| Hyperplasia | 2 | | | 2 | 3 | | 2 | 2 | 2 | 3 | 2 | 4 | 3 | 2 | | 3 | 4 | 3 | | 3 | | 3 | 2 | 3 | | |
| Skin | + | | | + | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | | + | + | + | | |
| Edema | |
| Ulcer | | | | | | 2 | |
| Epidermis, Hyperplasia | | | | | 3 | |
| Epidermis, Site Of Application, Hyperplasia | 1 | | | | 1 | | | | | | | | 1 | 1 | | 1 | | 1 | | | | 1 | 1 | 1 | | |
| Site Of Application, Hyperkeratosis | 1 | | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | | |
| Subcutaneous Tissue, Necrosis | |
| MUSCULOSKELETAL SYSTEM | |
| Bone | + | | | + | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | | + | + | + | | |
| NERVOUS SYSTEM | |
| Brain | + | | | + | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | | + | + | + | | |
| Compression | | | | | 4 | | | | | 3 | 2 | 1 | 2 | 2 | | 4 | 3 | | | 4 | | 4 | | 3 | | |

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

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

Hemorrhage

3

Peripheral Nerve

+

Spinal Cord

+

RESPIRATORY SYSTEM

Lung
 Edema
 Foreign Body
 Hemorrhage
 Infiltration Cellular, Histiocyte
 Inflammation, Chronic
 Pigmentation, Hemosiderin
 Alveolar Epithelium, Hyperplasia

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

Nose
 Foreign Body
 Inflammation, Chronic

+
 2

Trachea

+ +

SPECIAL SENSES SYSTEM

Eye
 Cataract
 Retina, Degeneration

+ +

Harderian Gland

+ +

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

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

| | |
|--|-------------|
| FISCHER 344 RATS FEMALE

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

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|--|--|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| Kidney | + | | | + | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | | + | + | + | | | |
| Nephropathy | 1 | | | | | | | 2 | | | | 2 | 2 | 2 | 3 | | 2 | 3 | 1 | 3 | 2 | | 1 | 1 | 1 | | |
| Renal Tubule, Pigmentation | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | |
| Urinary Bladder | + | | | + | + | + | | + | + | + | + | + | + | + | | + | + | + | + | + | | + | + | + | | | |

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE | | DAY ON TEST | | | | | | | | | | | | | | | |
|-------------------------|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|----------|
| | | 0729 | 0015 | 0015 | 0731 | 0731 | 0731 | 0733 | 0735 | 0735 | 0735 | 0735 | 0735 | 0735 | 0735 | | |
| 3.0 MG/KG | | 0050 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | 0055 | | |
| | | 0006 | 0007 | 0008 | 0009 | 0010 | 0011 | 0012 | 0013 | 0014 | 0015 | 0016 | 0017 | 0018 | 0019 | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | * TOTALS |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|--|---|---|---|---|---|---|---|---|---|---|---|---|--|--|--------|
| Esophagus | + | | + | + | + | + | + | | + | + | + | + | + | | | | 49 |
| Intestine Large, Cecum | + | | | + | + | + | + | + | | + | + | + | + | + | | | 50 |
| Intestine Large, Colon | + | | | + | + | + | + | + | | + | + | + | + | + | | | 50 |
| Intestine Large, Rectum | + | | | + | + | + | + | + | | + | + | + | + | + | | | 49 |
| Intestine Small, Duodenum | + | | | + | + | + | + | + | | + | + | + | + | + | | | 50 |
| Intestine Small, Ileum | + | | | + | + | + | + | + | | + | + | + | + | + | | | 49 |
| Intestine Small, Jejunum | + | | | + | + | + | + | + | | + | + | + | + | + | | | 49 |
| Liver | + | | | + | + | + | + | + | | + | + | + | + | + | | | 50 |
| Angiectasis | | | | | | | 2 | | | | | | | | | | 3 1.7 |
| Basophilic Focus | X | | | X | X | X | X | X | | X | X | X | X | X | | | 45 |
| Clear Cell Focus | X | | | | | | | | | | | | | | | | 7 |
| Eosinophilic Focus | | | | | | | | | | | | | | | | | 4 |
| Fatty Change | | | | | 2 | | | | | | | | | | | | 5 2.2 |
| Hepatodiaphragmatic Nodule | | | | | X | | | | | | | | X | | | | 9 |
| Infiltration Cellular, Mixed Cell | | | | | 1 | | | | | | | | | 1 | | | 12 1.8 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | 1 1.0 |
| Mixed Cell Focus | | | | | | | | | | | | | | | | | 8 |
| Bile Duct, Hyperplasia | | | | | | | | | | | | | | | | | 2 1.0 |
| Hepatocyte, Eosinophilic Focus | | | | | | | | | | | | | | | | | 1 |
| Hepatocyte, Mitotic Alteration | | | | | | | | | | | | | | | | | 2 3.0 |
| Hepatocyte, Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | 6 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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

3.0 MG/KG | | DAY ON TEST | | | | | | | | | | | | | | | | ANIMAL ID | | | |
|--|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|-----------|--|--|--|
| | | 0
7
2
9 | 0
0
1
5 | 0
0
1
5 | 0
7
3
1 | 0
7
3
5 | 0
7
3
1 | 0
7
3
5 | 0
7
2
1 | 0
0
1
5 | 0
7
3
5 | 0
5
9
4 | 0
7
3
1 | 0
5
5
2 | 0
7
3
5 | 0
0
1
5 | | | | | |
| | | 0
0
5
0
6 | 0
0
5
0
7 | 0
0
5
0
8 | 0
0
5
0
9 | 0
0
5
1
0 | 0
0
5
1
1 | 0
0
5
1
2 | 0
0
5
1
3 | 0
0
5
1
4 | 0
0
5
1
5 | 0
0
5
1
6 | 0
0
5
1
7 | 0
0
5
1
8 | 0
0
5
1
9 | 0
0
5
2
0 | | | | | |
| | | | | | | | | | | | | | | | | | | * TOTALS | | | |
| Mesentery | | | | | | | | | | | | | | | | | | 18 | | | |
| Accessory Spleen | | | | | | | | | | | | | | | | | | 1 | | | |
| Fat, Necrosis | | | | | | | | | | | | | | | | | | 15 2.7 | | | |
| Pancreas | | + | | | | | | | | | | | | | | | | 50 | | | |
| Atrophy | | 3 | | | | | | | | | | | | | | | | 8 1.8 | | | |
| Cyst | | 1 | | | | | | | | | | | | | | | | 6 3.0 | | | |
| Acinus, Hyperplasia, Focal | | | | | | | | | | | | | | | | | | 2 1.0 | | | |
| Salivary Glands | | + | | | | | | | | | | | | | | | | 50 | | | |
| Atrophy | | 2 | | | | | | | | | | | | | | | | 2 1.5 | | | |
| Stomach, Forestomach | | + | | | | | | | | | | | | | | | | 50 | | | |
| Edema | | | | | | | | | | | | | | | | | | 2 4.0 | | | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | 4 3.0 | | | |
| Ulcer | | 3 | | | | | | | | | | | | | | | | 2 3.5 | | | |
| Epithelium, Hyperplasia | | 3 | | | | | | | | | | | | | | | | 7 2.9 | | | |
| Stomach, Glandular | | + | | | | | | | | | | | | | | | | 50 | | | |
| Erosion | | | | | | | | | | | | | | | | | | 3 1.0 | | | |
| Ulcer | | 2 | | | | | | | | | | | | | | | | 1 2.0 | | | |
| Glands, Hyperplasia | | | | | | | | | | | | | | | | | | 1 1.0 | | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| Heart | | + | | | | | | | | | | | | | | | | 50 | | | |
| Cardiomyopathy | | 2 | | | | | | | | | | | | | | | | 30 1.9 | | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | | + | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | | | | | | | | | | |

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

3.0 MG/KG | | DAY ON TEST | 0
7
2
9 | 0
0
1
5 | 0
0
1
5 | 0
7
3
1 | 0
7
1
5 | 0
7
3
1 | 0
7
3
5 | 0
7
2
1 | 0
7
1
5 | 0
0
3
5 | 0
7
5
4 | 0
7
3
1 | 0
5
5
2 | 0
7
3
5 | 0
7
1
5 | |
|--|--|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------------------|
| | | ANIMAL ID | 0
0
5
0
6 | 0
0
5
0
7 | 0
0
5
0
8 | 0
0
5
0
9 | 0
0
5
1
0 | 0
0
5
1
1 | 0
0
5
1
1 | 0
0
5
1
1 | 0
0
5
1
1 | 0
0
5
1
1 | 0
0
5
1
1 | 0
0
5
1
1 | 0
0
5
1
1 | 0
0
5
1
1 | 0
0
5
1
2 | |
| | | * TOTALS | | | | | | | | | | | | | | | | |
| Accessory Adrenal Cortical Nodule
Degeneration, Fatty
Hyperplasia, Focal
Hypertrophy, Focal | | | | | | | | 3 | | 3 | | | | | | | | 8 3.0
22 1.5
9 1.9
7 2.3 |
| Adrenal Medulla
Hyperplasia | | + | | | + | + | + | + | | + | + | + | + | + | | | | 50
1 1.0 |
| Islets, Pancreatic | | + | | | + | + | + | + | | + | + | + | + | + | | | | 50 |
| Parathyroid Gland | | + | | | + | + | + | + | | + | + | + | + | M | | | | 46 |
| Pituitary Gland | | + | | | + | + | + | + | | + | + | + | + | + | | | | 50 |
| Pars Distalis, Angiectasis | | | | | 2 | | | 3 | | 2 | | | 3 | | | | | 10 2.9 |
| Pars Distalis, Cyst | | | | | 3 | | 3 | 3 | 3 | 3 | 3 | | | | | | | 24 3.0 |
| Pars Distalis, Hyperplasia | | | | | 2 | | | 2 | | 3 | | | | | | | | 9 2.4 |
| Pars Distalis, Hypertrophy, Focal | | | | | | | | | | | | | | | | | | 1 2.0 |
| Pars Intermedia, Angiectasis | | | | | | | | 3 | | | | | | | | | | 4 2.8 |
| Pars Intermedia, Cyst | | | | | | | 3 | | | 3 | | | | | | | | 7 3.0 |
| Thyroid Gland | | + | | | + | + | + | + | | + | + | + | + | + | | | | 50 |
| C-cell, Hyperplasia | | 2 | | | | | | | | | | | | | | | | 4 2.0 |
| Follicle, Cyst | | | | | | | | | | | | | | | | | | 1 3.0 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Clitoral Gland | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

* .. 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

3.0 MG/KG | DAY ON TEST | | | | | | | | | | | | | | | | ANIMAL ID | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|----------|
| | 0
7
2
9 | 0
0
1
5 | 0
0
1
5 | 0
7
3
1 | 0
7
1
5 | 0
7
3
1 | 0
7
3
5 | 0
7
2
1 | 0
7
0
5 | 0
7
3
5 | 0
5
4
1 | 0
7
3
5 | 0
5
2
5 | 0
7
3
5 | 0
5
2
5 | 0
7
3
5 | | |
| | 0
5
0
6 | 0
0
5
7 | 0
0
5
8 | 0
0
5
9 | 0
0
5
0 | 0
0
5
1 | 0
0
5
1 | 0
0
5
1 | 0
0
5
1 | 0
0
5
1 | 0
0
5
1 | 0
0
5
1 | 0
0
5
8 | 0
0
5
9 | 0
0
5
2 | 0
0
5
0 | | |
| | | | | | | | | | | | | | | | | | | * TOTALS |
| Hyperplasia | 3 | | | | | | | | | | | | | | | | | 2 2.5 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | 4 3.0 |
| Ovary | + | | | + | + | + | + | + | | + | + | + | + | + | | | 50 | |
| Cyst | | | | | | | | | | | | | | 3 | | | 7 | 3.0 |
| Uterus | + | | | + | + | + | + | + | | + | + | + | + | + | | | 50 | |
| Hyperplasia, Cystic | | | | | | | | | | | | | | | | | 3 | 2.7 |
| Vagina | | | | | | | | + | | | | | | | | | 5 | |
| HEMATOPOIETIC SYSTEM | | | | | | | | | | | | | | | | | | |
| Bone Marrow | + | | | + | + | + | + | + | | + | + | + | + | + | | | 50 | |
| Hyperplasia | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | 2 | 2.0 |
| Myelofibrosis | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Lymph Node | | | | | | | | | | | | | | | | | 4 | |
| Mediastinal, Hemorrhage | | | | | | | | | | | | | | | | | 2 | 2.5 |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Mediastinal, Pigmentation | | | | | | | | | | | | | | | | | 2 | 2.5 |
| Lymph Node, Mandibular | M | | | M | M | M | M | M | | M | M | M | M | M | | | 0 | |
| Lymph Node, Mesenteric | + | | | + | + | + | + | + | | + | + | + | + | + | | | 50 | |
| Ectasia | | | | | | | | | | | | | | | | | 2 | 2.0 |
| Hemorrhage | | | | | | | | | | | | | 1 | | | | 2 | 1.0 |
| Hyperplasia, Lymphoid | | | | | | | 3 | | | 3 | 3 | | | | 2 | | 19 | 2.2 |
| Pigmentation | | | | | | | | | | | | | | | | | 3 | 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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

3.0 MG/KG | DAY ON TEST | 0
7
2
9 | 0
0
1
5 | 0
0
1
5 | 0
7
3
1 | 0
7
1
5 | 0
7
3
1 | 0
7
3
5 | 0
7
2
1 | 0
0
1
5 | 0
7
3
5 | 0
5
9
4 | 0
7
3
1 | 0
5
5
2 | 0
7
3
5 | 0
0
1
5 | | |
|---|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------|----------|
| | ANIMAL ID | 0
0
5
0
6 | 0
0
5
0
7 | 0
0
5
0
8 | 0
0
5
0
9 | 0
0
5
1
0 | 0
0
5
1
1 | 0
0
5
1
1 | 0
0
5
1
2 | 0
0
5
1
3 | 0
0
5
1
4 | 0
0
5
1
5 | 0
0
5
1
6 | 0
0
5
1
7 | 0
0
5
1
8 | 0
0
5
1
9 | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | * TOTALS |
| Spleen | + | | | + | + | + | + | | 3 | | + | + | + | + | | | 50 | |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | 2 | | 1 | | | 13 2.0 | |
| Infiltration Cellular, Mixed Cell | | | | | | | | | | | | | | | | | 1 4.0 | |
| Necrosis | | | | | | | | | | | | | | | | | 1 3.0 | |
| Pigmentation | | | | | 3 | | | | | | | | | | | | 6 3.0 | |
| Lymphoid Follicle, Atrophy | | | | | | | | 2 | | | | | | | | | 1 2.0 | |
| Thymus | + | | | + | + | + | + | + | | | + | + | + | + | + | | 50 | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | |
| Mammary Gland | + | | | + | + | + | + | + | | | + | + | + | + | + | | 50 | |
| Hyperplasia | 2 | | | 1 | 4 | 2 | 3 | 2 | | | 3 | 2 | 3 | | 3 | | 44 2.6 | |
| Skin | + | | | + | + | + | + | + | | | + | + | + | + | + | | 50 | |
| Edema | | | | | | | | | | | | 2 | | | | | 1 2.0 | |
| Ulcer | | | | | | | 4 | | | | | | | | | | 2 3.0 | |
| Epidermis, Hyperplasia | | | | | | | 3 | | | | | | | | | | 2 3.0 | |
| Epidermis, Site Of Application, Hyperplasia | | | | 1 | | 1 | 1 | | | | 1 | | | | | | 25 1.0 | |
| Site Of Application, Hyperkeratosis | 1 | | | 1 | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | | 50 1.0 | |
| Subcutaneous Tissue, Necrosis | | | | | | | | | | | | | | | | | 1 2.0 | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | |
| Bone | + | | | + | + | + | + | + | | | + | + | + | + | + | | 50 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | |
| Brain | + | | | + | + | + | + | + | | | + | + | + | + | + | | 50 | |
| Compression | | | | | 4 | | | | | | | | 4 | | 2 | | 21 3.1 | |

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

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

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

TDMS No. 88133 - 07
 Test Type: CHRONIC
 Route: SKIN APPLICATION
 Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Trimethylolpropane triacrylate
 CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
 Time Report Requested: 13:41:41
 First Dose M/F: 01/18/05 / 01/18/05
 Lab: SRI

| FISCHER 344 RATS FEMALE

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

| | | | | | | | | | | | | | | | | | | |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|
| Hemorrhage | | | | | | | | | | | | | | | | | | 1 3.0 |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|

| | | | | | | | | | | | | | | | | | | |
|------------------|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|---|
| Peripheral Nerve | | | | | | + | | | | | | | | | | | | 4 |
|------------------|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|---|

| | | | | | | | | | | | | | | | | | | |
|-------------|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|---|
| Spinal Cord | | | | | | + | | | | | | | | | | | | 4 |
|-------------|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|---|

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|---|---|---|---|---|--|---|---|---|---|---|---|--|--|--------|
| Lung | + | | | + | + | + | + | + | | + | + | + | + | + | | | | 50 |
| Edema | | | | | | 2 | | | | | | | | | | | | 1 2.0 |
| Foreign Body | | | | | | | | | | | | | | | | | | 2 |
| Hemorrhage | | | | | | 2 | | | | | | | | 2 | | | | 4 1.8 |
| Infiltration Cellular, Histiocyte | | | | 1 | 1 | | | | | 1 | 1 | | 1 | | | | | 21 1.0 |
| Inflammation, Chronic | | | | | | | 1 | | | | | | | | | | | 13 1.5 |
| Pigmentation, Hemosiderin | | | | | 2 | 1 | | | | | | | | | 2 | | | 12 1.4 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | 2 1.5 |

| | | | | | | | | | | | | | | | | | | |
|-----------------------|---|--|--|---|---|---|---|---|--|---|---|---|---|---|--|--|--|-------|
| Nose | + | | | + | + | + | + | + | | + | + | + | + | + | | | | 50 |
| Foreign Body | | | | | | | | | | | | | | | | | | 2 |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | 5 1.2 |

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

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | |
|----------------------|---|--|--|---|---|---|---|---|--|---|---|---|---|---|--|--|--|-------|
| Eye | + | | | + | + | + | + | + | | + | + | + | + | + | | | | 50 |
| Cataract | 1 | | | | | 3 | | | | | | | | | | | | 4 2.5 |
| Retina, Degeneration | 3 | | | | | 4 | | | | | | | | | | | | 5 3.6 |

| | | | | | | | | | | | | | | | | | | |
|-----------------|---|--|--|---|---|---|---|---|--|---|---|---|---|---|--|--|--|----|
| Harderian Gland | + | | | + | + | + | + | + | | + | + | + | + | + | | | | 50 |
|-----------------|---|--|--|---|---|---|---|---|--|---|---|---|---|---|--|--|--|----|

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

TDMS No. 88133 - 07
Test Type: CHRONIC
Route: SKIN APPLICATION
Species/Strain: RATS/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Trimethylolpropane triacrylate
CAS Number: 15625-89-5

Date Report Requested: 03/31/2010
Time Report Requested: 13:41:41
First Dose M/F: 01/18/05 / 01/18/05
Lab: SRI

| | | | | | | | | | | | | | | | | |
|-------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| FISCHER 344 RATS FEMALE | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 7 | 0 | 0 | 7 | 7 | 7 | 7 | 7 | 0 | 7 | 5 | 7 | 5 | 7 | 0 |
| | | 2 | 1 | 1 | 3 | 1 | 3 | 3 | 2 | 1 | 3 | 9 | 3 | 5 | 3 | 1 |
| | | 9 | 5 | 5 | 1 | 5 | 1 | 5 | 1 | 5 | 5 | 4 | 1 | 2 | 5 | 5 |
| 3.0 MG/KG | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| | | | | | | | | | | | | | | | | * TOTALS |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | |
|--------------------------------------|---|--|--|---|---|---|---|---|---|---|---|---|---|---|--|--------|
| Kidney | + | | | + | + | + | + | | + | + | + | + | + | | | 50 |
| Nephropathy | 2 | | | | 2 | | | 1 | | 1 | 1 | 2 | | 2 | | 35 1.6 |
| Renal Tubule, Pigmentation | | | | | | | | | | | | | | | | 1 1.0 |
| Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | 1 1.0 |
| Urinary Bladder | + | | | + | + | + | + | + | | + | + | + | + | + | | 50 |

*** END OF REPORT ***

* .. 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