

Version: Jun2013
Contract/Lab: All Laboratories
Species: RATS
Strain: F 344/N
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 209
Report Date: 06/05/2013

Study Summary

| Laboratory Name | Study Number | Study Start Date | Length of Study in Days | Number of Animals Total and (#/Cage) | Number Surviving and (Mean Life Span) | Maximum Mean Weekly Body Weight | Chemical |
|-----------------------------|--------------|------------------|-------------------------|--------------------------------------|---------------------------------------|---------------------------------|--------------------------------|
| Male | | | | | | | |
| Southern Research Institute | 058813307 | 01/18/05 | 729 | 50(1) | 23(681) | 516.1 | Trimethylolpropane triacrylate |
| Female | | | | | | | |
| Southern Research Institute | 058813307 | 01/18/05 | 731 | 50(1) | 27(688) | 352.8 | Trimethylolpropane triacrylate |

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 210
 Report Date: 06/05/2013

| | Male | | | | Female | | | |
|--------------------------------------|-------|--------------|-----------|-------|-------------|-------------|----------|-------|
| #All Organs: | | | | | | | | |
| Benign Tumors | | | | | | | | |
| | | 48/50 (96%) | | | 43/50 (86%) | | | |
| Overall Incidence | Total | 48/50 (96%) | Mean 96% | SD 0% | Total | 43/50 (86%) | Mean 86% | SD 0% |
| | | | | | | | | |
| #All Organs: | | | | | | | | |
| Malignant Tumors | | | | | | | | |
| | | 30/50 (60%) | | | 21/50 (42%) | | | |
| Overall Incidence | Total | 30/50 (60%) | Mean 60% | SD 0% | Total | 21/50 (42%) | Mean 42% | SD 0% |
| | | | | | | | | |
| #All Organs: | | | | | | | | |
| Malignant and Benign Tumors | | | | | | | | |
| | | 50/50 (100%) | | | 47/50 (94%) | | | |
| Overall Incidence | Total | 50/50 (100%) | Mean 100% | SD 0% | Total | 47/50 (94%) | Mean 94% | SD 0% |
| | | | | | | | | |
| #All Organs: | | | | | | | | |
| Hemangioma | | | | | | | | |
| | | 0/50 (0%) | | | 0/50 (0%) | | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% | SD 0% |
| | | | | | | | | |
| #All Organs: | | | | | | | | |
| Hemangiosarcoma | | | | | | | | |
| | | 0/50 (0%) | | | 0/50 (0%) | | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% | SD 0% |
| | | | | | | | | |
| #All Organs: | | | | | | | | |
| Hemangiosarcoma or Hemangioma | | | | | | | | |
| | | 0/50 (0%) | | | 0/50 (0%) | | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% | SD 0% |
| | | | | | | | | |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 211
 Report Date: 06/05/2013

| | Male | | | | Female | | | |
|--|-------|-------------|----------|-------|-------------|-------------|----------|-------|
| #All Organs: | | | | | | | | |
| Histiocytic Sarcoma | | | | | | | | |
| | | 0/50 (0%) | | | 0/50 (0%) | | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% | SD 0% |
| | | | | | | | | |
| #All Organs: | | | | | | | | |
| Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated | | | | | | | | |
| | | 26/50 (52%) | | | 12/50 (24%) | | | |
| Overall Incidence | Total | 26/50 (52%) | Mean 52% | SD 0% | Total | 12/50 (24%) | Mean 24% | SD 0% |
| | | | | | | | | |
| #All Organs: | | | | | | | | |
| Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type | | | | | | | | |
| | | 0/50 (0%) | | | 0/50 (0%) | | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% | SD 0% |
| | | | | | | | | |
| #All Organs: | | | | | | | | |
| Mesothelioma: Benign, Malignant, NOS | | | | | | | | |
| | | 0/50 (0%) | | | 0/50 (0%) | | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% | SD 0% |
| | | | | | | | | |
| #All Organs: | | | | | | | | |
| Mesothelioma: Malignant | | | | | | | | |
| | | 0/50 (0%) | | | 0/50 (0%) | | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% | SD 0% |
| | | | | | | | | |
| #All Organs: | | | | | | | | |
| Osteoma | | | | | | | | |
| | | 0/50 (0%) | | | 0/50 (0%) | | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% | SD 0% |

*: Denominator is number of animals with tissues examined microscopically
 #: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 212
 Report Date: 06/05/2013

| | Male | | | | Female | | | |
|---------------------------------|-------|-------|----------|-------------|--------|-------|---------|-------|
| #All Organs: | | | | | | | | |
| Osteosarcoma | | | | | | | | |
| | | 2/50 | (4%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 2/50 | (4%) | Mean 4% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | Mean 0% | SD 0% |
| | | | | | | | | |
| #All Organs: | | | | | | | | |
| Osteosarcoma or Osteoma | | | | | | | | |
| | | 2/50 | (4%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 2/50 | (4%) | Mean 4% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | Mean 0% | SD 0% |
| | | | | | | | | |
| *Adrenal Cortex: | | | | | | | | |
| Adenoma | | | | | | | | |
| | | 1/50 | (2%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 1/50 | (2%) | Mean 2% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | Mean 0% | SD 0% |
| | | | | | | | | |
| *Adrenal Cortex: | | | | | | | | |
| Carcinoma | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | Mean 0% | SD 0% |
| | | | | | | | | |
| *Adrenal Medulla: | | | | | | | | |
| Pheochromocytoma Benign | | | | | | | | |
| | | 11/49 | (22%) | | | 0/48 | (0%) | |
| Overall Incidence | Total | 11/49 | (22.45%) | Mean 22.45% | SD 0% | Total | 0/48 | (0%) |
| | | | | | | | Mean 0% | SD 0% |
| | | | | | | | | |
| *Adrenal Medulla: | | | | | | | | |
| Pheochromocytoma Complex | | | | | | | | |
| | | 0/49 | (0%) | | | 0/48 | (0%) | |
| Overall Incidence | Total | 0/49 | (0%) | Mean 0% | SD 0% | Total | 0/48 | (0%) |
| | | | | | | | Mean 0% | SD 0% |
| | | | | | | | | |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 213
 Report Date: 06/05/2013

| | | Male | | | Female | | |
|--|-------|----------------|-------------|-------|-----------|-----------|---------------|
| *Adrenal Medulla: | | | | | | | |
| Pheochromocytoma Malignant | | | | | | | |
| | | 1/49 (2%) | | | 0/48 (0%) | | |
| Overall Incidence | Total | 1/49 (2.04%) | Mean 2.04% | SD 0% | Total | 0/48 (0%) | Mean 0% SD 0% |
| | | | | | | | |
| *Adrenal Medulla: | | | | | | | |
| Pheochromocytoma: Benign, Complex, Malignant, NOS | | | | | | | |
| | | 12/49 (24%) | | | 0/48 (0%) | | |
| Overall Incidence | Total | 12/49 (24.49%) | Mean 24.49% | SD 0% | Total | 0/48 (0%) | Mean 0% SD 0% |
| | | | | | | | |
| #Blood Vessel: | | | | | | | |
| Leiomyosarcoma | | | | | | | |
| | | 0/50 (0%) | | | 0/50 (0%) | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% SD 0% |
| | | | | | | | |
| #Bone: | | | | | | | |
| Chordoma | | | | | | | |
| | | 0/50 (0%) | | | 0/50 (0%) | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% SD 0% |
| | | | | | | | |
| #Bone: | | | | | | | |
| Osteoma | | | | | | | |
| | | 0/50 (0%) | | | 0/50 (0%) | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% SD 0% |
| | | | | | | | |
| #Bone: | | | | | | | |
| Osteosarcoma | | | | | | | |
| | | 2/50 (4%) | | | 0/50 (0%) | | |
| Overall Incidence | Total | 2/50 (4%) | Mean 4% | SD 0% | Total | 0/50 (0%) | Mean 0% SD 0% |

*: Denominator is number of animals with tissues examined microscopically
 #: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 214
 Report Date: 06/05/2013

| | Male | | | | Female | | | |
|--|-------|------|------|---------|--------|-------|---------|-------|
| #Bone: | | | | | | | | |
| Osteosarcoma or Osteoma | | | | | | | | |
| | | 2/50 | (4%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 2/50 | (4%) | Mean 4% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | Mean 0% | SD 0% |
| | | | | | | | | |
| *Brain: | | | | | | | | |
| Glioma | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | Mean 0% | SD 0% |
| | | | | | | | | |
| *Brain: | | | | | | | | |
| Glioma Benign | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | Mean 0% | SD 0% |
| | | | | | | | | |
| *Brain: | | | | | | | | |
| Glioma Malignant | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | Mean 0% | SD 0% |
| | | | | | | | | |
| *Brain: | | | | | | | | |
| Oligodendroglioma, Glioma, or Astrocytoma | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | Mean 0% | SD 0% |
| | | | | | | | | |
| *Brain: | | | | | | | | |
| Osteosarcoma | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | Mean 0% | SD 0% |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 215
 Report Date: 06/05/2013

| | Male | | | | Female | | | |
|--|-------|-----------|---------|-------|--------|-------------|----------|-------|
| *Clitoral/Preputial Gland: Adenoma | | | | | | | | |
| Overall Incidence | Total | 3/50 (6%) | Mean 6% | SD 0% | Total | 4/50 (8%) | Mean 8% | SD 0% |
| | | | | | | | | |
| *Clitoral/Preputial Gland: Carcinoma | | | | | | | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 7/50 (14%) | Mean 14% | SD 0% |
| | | | | | | | | |
| *Clitoral/Preputial Gland: Carcinoma or Adenoma | | | | | | | | |
| Overall Incidence | Total | 3/50 (6%) | Mean 6% | SD 0% | Total | 10/50 (20%) | Mean 20% | SD 0% |
| | | | | | | | | |
| *Clitoral/Preputial Gland: Sarcoma | | | | | | | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% | SD 0% |
| | | | | | | | | |
| #Ear: Neural Crest Tumor | | | | | | | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% | SD 0% |
| | | | | | | | | |
| #Eye: Melanoma Benign | | | | | | | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% | SD 0% |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 216
 Report Date: 06/05/2013

| | | Male | | | | Female | | | |
|-----------------------------|-------|------|------|---------|-------|--------|------|------|---------------|
| #Eye: | | | | | | | | | |
| Melanoma Malignant | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| #Harderian Gland: | | | | | | | | | |
| Adenoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| #Harderian Gland: | | | | | | | | | |
| Carcinoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| #Harderian Gland: | | | | | | | | | |
| Carcinoma or Adenoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| *Heart: | | | | | | | | | |
| Schwannoma Benign | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| *Heart: | | | | | | | | | |
| Schwannoma Malignant | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |

*: Denominator is number of animals with tissues examined microscopically
 #: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 217
 Report Date: 06/05/2013

| Male | | | | | Female | | | | |
|---|-------|------|------|---------|--------|-------|------|------|---------------|
| #Intestine Large: Colon/Rectum: Adenoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| #Intestine Large: Colon/Rectum: Carcinoma or Adenoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| #Intestine Small: Duodenum: Leiomyoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| #Intestine Small: Duodenum: Schwannoma Malignant | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| #Intestine Small: Ileum: Adenoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| #Intestine Small: Jejunum: Carcinoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 218
 Report Date: 06/05/2013

| | | Male | | | | Female | | | |
|--|-------|------|------|---------|-------|--------|------|------|---------------|
| #Intestine Small: Jejunum: | | | | | | | | | |
| Leiomyoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| #Intestine Small: Jejunum: | | | | | | | | | |
| Leiomyosarcoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| #Intestine Small: Site Unspecified: | | | | | | | | | |
| Adenoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| #Intestine Small: Site Unspecified: | | | | | | | | | |
| Carcinoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| #Intestine Small: Site Unspecified: | | | | | | | | | |
| Carcinoma or Adenoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| #Intestine Small: Site Unspecified: | | | | | | | | | |
| Leiomyoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 219
 Report Date: 06/05/2013

| | | Male | | | Female | | |
|---|-------|-------|-------|----------|--------|-------|-----------|
| #Intestine Small: Site Unspecified: | | | | | | | |
| Leiomyosarcoma | | | | | | | |
| | | 0/50 | (0%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| #Intestine Small: Site Unspecified: | | | | | | | |
| Schwannoma Malignant | | | | | | | |
| | | 0/50 | (0%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| *Islets, Pancreatic: | | | | | | | |
| Adenoma | | | | | | | |
| | | 18/50 | (36%) | | 3/50 | (6%) | |
| Overall Incidence | Total | 18/50 | (36%) | Mean 36% | SD 0% | Total | 3/50 (6%) |
| | | | | | | | Mean 6% |
| | | | | | | | SD 0% |
| *Islets, Pancreatic: | | | | | | | |
| Carcinoma | | | | | | | |
| | | 0/50 | (0%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| *Islets, Pancreatic: | | | | | | | |
| Carcinoma or Adenoma | | | | | | | |
| | | 18/50 | (36%) | | 3/50 | (6%) | |
| Overall Incidence | Total | 18/50 | (36%) | Mean 36% | SD 0% | Total | 3/50 (6%) |
| | | | | | | | Mean 6% |
| | | | | | | | SD 0% |
| *Kidney: Pelvis and Transitional Epithelium: | | | | | | | |
| Papilloma | | | | | | | |
| | | 0/50 | (0%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 220
 Report Date: 06/05/2013

| | | Male | | | | Female | | | |
|---|-------|------|------|---------|-------|--------|------|------|---------------|
| *Kidney: Renal Tubule: Adenoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| *Kidney: Renal Tubule: Carcinoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| *Kidney: Renal Tubule: Carcinoma or Adenoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| *Kidney: Renal Tubule: Lipoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| *Kidney: Renal Tubule: Mesenchymal Tumor Malignant | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| *Kidney: Renal Tubule: Sarcoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 1/50 | (2%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 1/50 | (2%) | Mean 2% SD 0% |

*: Denominator is number of animals with tissues examined microscopically
 #: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 221
 Report Date: 06/05/2013

| | Male | | | | Female | | | |
|--|-------|------|------|---------|--------|-------|---------|-------|
| *Liver: | | | | | | | | |
| Hepatocellular Adenoma | | | | | | | | |
| | | 1/50 | (2%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 1/50 | (2%) | Mean 2% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | Mean 0% | SD 0% |
| | | | | | | | | |
| *Liver: | | | | | | | | |
| Hepatocellular Carcinoma | | | | | | | | |
| | | 1/50 | (2%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 1/50 | (2%) | Mean 2% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | Mean 0% | SD 0% |
| | | | | | | | | |
| *Liver: | | | | | | | | |
| Hepatocellular Carcinoma or Hepatoblastoma | | | | | | | | |
| | | 1/50 | (2%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 1/50 | (2%) | Mean 2% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | Mean 0% | SD 0% |
| | | | | | | | | |
| *Liver: | | | | | | | | |
| Hepatocellular Carcinoma or Hepatocellular Adenoma | | | | | | | | |
| | | 2/50 | (4%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 2/50 | (4%) | Mean 4% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | Mean 0% | SD 0% |
| | | | | | | | | |
| *Liver: | | | | | | | | |
| Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma | | | | | | | | |
| | | 2/50 | (4%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 2/50 | (4%) | Mean 4% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | Mean 0% | SD 0% |
| | | | | | | | | |
| *Liver: | | | | | | | | |
| Ito Cell Tumor Benign | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | Mean 0% | SD 0% |

*: Denominator is number of animals with tissues examined microscopically
 #: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 222
 Report Date: 06/05/2013

| Male | | | | | Female | | | | |
|---|-------|------|------|---------|--------|-------|------|------|---------------|
| *Lung: | | | | | | | | | |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | |
| | | 1/50 | (2%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 1/50 | (2%) | Mean 2% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| *Lung: | | | | | | | | | |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | | |
| | | 1/50 | (2%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 1/50 | (2%) | Mean 2% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| *Lung: | | | | | | | | | |
| Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma | | | | | | | | | |
| | | 2/50 | (4%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 2/50 | (4%) | Mean 4% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| *Lung: | | | | | | | | | |
| Fibrosarcoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| #Mammary Gland: | | | | | | | | | |
| Adenolipoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| #Mammary Gland: | | | | | | | | | |
| Adenoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 4/50 | (8%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 4/50 | (8%) | Mean 8% SD 0% |

*: Denominator is number of animals with tissues examined microscopically
 #: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 223
 Report Date: 06/05/2013

| | | Male | | | | Female | | | |
|---|-------|-----------|-----------|-------|-------|-------------|----------|-------|--|
| #Mammary Gland: | | | | | | | | | |
| Carcinoma | | | | | | | | | |
| | | | 0/50 (0%) | | | 3/50 (6%) | | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 3/50 (6%) | Mean 6% | SD 0% | |
| | | | | | | | | | |
| #Mammary Gland: | | | | | | | | | |
| Carcinoma or Adenoma | | | | | | | | | |
| | | | 0/50 (0%) | | | 6/50 (12%) | | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 6/50 (12%) | Mean 12% | SD 0% | |
| | | | | | | | | | |
| #Mammary Gland: | | | | | | | | | |
| Fibroadenoma | | | | | | | | | |
| | | | 1/50 (2%) | | | 22/50 (44%) | | | |
| Overall Incidence | Total | 1/50 (2%) | Mean 2% | SD 0% | Total | 22/50 (44%) | Mean 44% | SD 0% | |
| | | | | | | | | | |
| #Mammary Gland: | | | | | | | | | |
| Fibroma | | | | | | | | | |
| | | | 0/50 (0%) | | | 0/50 (0%) | | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% | SD 0% | |
| | | | | | | | | | |
| #Mammary Gland: | | | | | | | | | |
| Fibroma, Fibroadenoma or Adenoma | | | | | | | | | |
| | | | 1/50 (2%) | | | 25/50 (50%) | | | |
| Overall Incidence | Total | 1/50 (2%) | Mean 2% | SD 0% | Total | 25/50 (50%) | Mean 50% | SD 0% | |
| | | | | | | | | | |
| #Mammary Gland: | | | | | | | | | |
| Fibroma, Fibroadenoma, Carcinoma, or Adenoma | | | | | | | | | |
| | | | 1/50 (2%) | | | 25/50 (50%) | | | |
| Overall Incidence | Total | 1/50 (2%) | Mean 2% | SD 0% | Total | 25/50 (50%) | Mean 50% | SD 0% | |

*: Denominator is number of animals with tissues examined microscopically
 #: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 224
 Report Date: 06/05/2013

| | Male | | | | Female | | | |
|---|-------|------|------|---------|--------|-------|------|------|
| #Mesentery: | | | | | | | | |
| Fibrous Histiocytoma | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | | |
| #Mesentery: | | | | | | | | |
| Schwannoma Malignant | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | | |
| *Nose: | | | | | | | | |
| Adenoma | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | | |
| #Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): | | | | | | | | |
| Papilloma Squamous or Papilloma | | | | | | | | |
| | | 1/50 | (2%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 1/50 | (2%) | Mean 2% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | | |
| #Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): | | | | | | | | |
| Squamous Cell Carcinoma | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | | |
| #Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): | | | | | | | | |
| Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma | | | | | | | | |
| | | 1/50 | (2%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 1/50 | (2%) | Mean 2% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | | |

*: Denominator is number of animals with tissues examined microscopically
 #: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 225
 Report Date: 06/05/2013

| | Male | | | | Female | | | |
|---------------------------------------|-------|------|------|---------|--------|-------|------|------|
| #Oral Mucosa: | | | | | | | | |
| Squamous Cell Carcinoma | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | | |
| #Oral Mucosa: | | | | | | | | |
| Squamous Cell Papilloma | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | | |
| *Ovary: | | | | | | | | |
| Cystadenoma | | | | | | | | |
| | | | | | | 0/50 | (0%) | |
| Overall Incidence | | | | | | Total | 0/50 | (0%) |
| | | | | | | | | |
| *Ovary: | | | | | | | | |
| Fibrosarcoma | | | | | | | | |
| | | | | | | 0/50 | (0%) | |
| Overall Incidence | | | | | | Total | 0/50 | (0%) |
| | | | | | | | | |
| *Ovary: | | | | | | | | |
| Granulosa Cell Tumor Benign | | | | | | | | |
| | | | | | | 0/50 | (0%) | |
| Overall Incidence | | | | | | Total | 0/50 | (0%) |
| | | | | | | | | |
| *Ovary: | | | | | | | | |
| Granulosa Cell Tumor Malignant | | | | | | | | |
| | | | | | | 1/50 | (2%) | |
| Overall Incidence | | | | | | Total | 1/50 | (2%) |
| | | | | | | | | |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 226
 Report Date: 06/05/2013

| | | | | Male | | | | | Female | | | |
|--|--|--|--|-------|------|------|---------|---------|--------|-----------|---------|-------|
| *Ovary: | | | | | | | | | | | | |
| Granulosa Cell Tumor: Benign, Malignant, NOS | | | | | | | | | | | | |
| | | | | | | 1/50 | (2%) | | | | | |
| Overall Incidence | | | | Total | 1/50 | (2%) | | Mean 2% | SD 0% | | | |
| | | | | | | | | | | | | |
| *Ovary: | | | | | | | | | | | | |
| Granulosa-Theca Tumor Malignant | | | | | | | | | | | | |
| | | | | | | 0/50 | (0%) | | | | | |
| Overall Incidence | | | | Total | 0/50 | (0%) | | Mean 0% | SD 0% | | | |
| | | | | | | | | | | | | |
| *Ovary: | | | | | | | | | | | | |
| Schwannoma Malignant | | | | | | | | | | | | |
| | | | | | | 0/50 | (0%) | | | | | |
| Overall Incidence | | | | Total | 0/50 | (0%) | | Mean 0% | SD 0% | | | |
| | | | | | | | | | | | | |
| *Ovary: | | | | | | | | | | | | |
| Sertoli Cell Tumor Malignant | | | | | | | | | | | | |
| | | | | | | 0/50 | (0%) | | | | | |
| Overall Incidence | | | | Total | 0/50 | (0%) | | Mean 0% | SD 0% | | | |
| | | | | | | | | | | | | |
| *Ovary: | | | | | | | | | | | | |
| Tubulostromal Adenoma | | | | | | | | | | | | |
| | | | | | | 0/50 | (0%) | | | | | |
| Overall Incidence | | | | Total | 0/50 | (0%) | | Mean 0% | SD 0% | | | |
| | | | | | | | | | | | | |
| *Pancreas: | | | | | | | | | | | | |
| Adenoma | | | | | | | | | | | | |
| | | | | | | 1/50 | (2%) | | | | | |
| Overall Incidence | | | | Total | 1/50 | (2%) | Mean 2% | SD 0% | Total | 0/50 (0%) | Mean 0% | SD 0% |
| | | | | | | | | | | | | |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 227
 Report Date: 06/05/2013

| | | Male | | | Female | | |
|---|-------|----------------|-------------|-------|-------------|-------------|----------------|
| *Pancreas: | | | | | | | |
| Carcinoma or Adenoma | | | | | | | |
| | | 1/50 (2%) | | | 0/50 (0%) | | |
| Overall Incidence | Total | 1/50 (2%) | Mean 2% | SD 0% | Total | 0/50 (0%) | Mean 0% SD 0% |
| | | | | | | | |
| *Pancreas: | | | | | | | |
| Mixed Tumor Benign | | | | | | | |
| | | 1/50 (2%) | | | 0/50 (0%) | | |
| Overall Incidence | Total | 1/50 (2%) | Mean 2% | SD 0% | Total | 0/50 (0%) | Mean 0% SD 0% |
| | | | | | | | |
| *Parathyroid Gland: | | | | | | | |
| Adenoma | | | | | | | |
| | | 0/45 (0%) | | | 0/45 (0%) | | |
| Overall Incidence | Total | 0/45 (0%) | Mean 0% | SD 0% | Total | 0/45 (0%) | Mean 0% SD 0% |
| | | | | | | | |
| *Pituitary Gland: Pars Distalis or Unspecified Site: | | | | | | | |
| Adenoma | | | | | | | |
| | | 34/49 (69%) | | | 36/50 (72%) | | |
| Overall Incidence | Total | 34/49 (69.39%) | Mean 69.39% | SD 0% | Total | 36/50 (72%) | Mean 72% SD 0% |
| | | | | | | | |
| *Pituitary Gland: Pars Distalis or Unspecified Site: | | | | | | | |
| Carcinoma | | | | | | | |
| | | 0/49 (0%) | | | 2/50 (4%) | | |
| Overall Incidence | Total | 0/49 (0%) | Mean 0% | SD 0% | Total | 2/50 (4%) | Mean 4% SD 0% |
| | | | | | | | |
| *Pituitary Gland: Pars Distalis or Unspecified Site: | | | | | | | |
| Carcinoma or Adenoma | | | | | | | |
| | | 34/49 (69%) | | | 38/50 (76%) | | |
| Overall Incidence | Total | 34/49 (69.39%) | Mean 69.39% | SD 0% | Total | 38/50 (76%) | Mean 76% SD 0% |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 228
 Report Date: 06/05/2013

| Male | | | | | Female | | | | |
|---|-------|------|------|---------|--------|-------|------|------|---------------|
| *Pituitary Gland: Pars Distalis or Unspecified Site: | | | | | | | | | |
| Ganglioneuroma | | | | | | | | | |
| | | 0/49 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/49 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| *Pituitary Gland: Pars Intermedia: | | | | | | | | | |
| Adenoma | | | | | | | | | |
| | | 0/49 | (0%) | | | 1/50 | (2%) | | |
| Overall Incidence | Total | 0/49 | (0%) | Mean 0% | SD 0% | Total | 1/50 | (2%) | Mean 2% SD 0% |
| | | | | | | | | | |
| *Pituitary Gland: Pars Intermedia: | | | | | | | | | |
| Carcinoma or Adenoma | | | | | | | | | |
| | | 0/49 | (0%) | | | 1/50 | (2%) | | |
| Overall Incidence | Total | 0/49 | (0%) | Mean 0% | SD 0% | Total | 1/50 | (2%) | Mean 2% SD 0% |
| | | | | | | | | | |
| *Pituitary Gland: Pars Nervosa: | | | | | | | | | |
| Craniopharyngioma | | | | | | | | | |
| | | 0/49 | (0%) | | | 1/50 | (2%) | | |
| Overall Incidence | Total | 0/49 | (0%) | Mean 0% | SD 0% | Total | 1/50 | (2%) | Mean 2% SD 0% |
| | | | | | | | | | |
| *Prostate: | | | | | | | | | |
| Adenoma | | | | | | | | | |
| | | 0/50 | (0%) | | | | | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | | | | |
| | | | | | | | | | |
| *Prostate: | | | | | | | | | |
| Carcinoma or Adenoma | | | | | | | | | |
| | | 0/50 | (0%) | | | | | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | | | | |
| | | | | | | | | | |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 229
 Report Date: 06/05/2013

| | | Male | | | Female | | |
|-----------------------------|-------|------|------|---------|--------|-------|-----------|
| *Salivary Glands: | | | | | | | |
| Carcinoma | | | | | | | |
| | | 1/50 | (2%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 1/50 | (2%) | Mean 2% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| | | | | | | | |
| *Salivary Glands: | | | | | | | |
| Carcinoma or Adenoma | | | | | | | |
| | | 1/50 | (2%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 1/50 | (2%) | Mean 2% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| | | | | | | | |
| *Salivary Glands: | | | | | | | |
| Sarcoma | | | | | | | |
| | | 0/50 | (0%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| | | | | | | | |
| *Salivary Glands: | | | | | | | |
| Schwannoma Malignant | | | | | | | |
| | | 0/50 | (0%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| | | | | | | | |
| #Seminal Vesicle: | | | | | | | |
| Adenoma | | | | | | | |
| | | 0/50 | (0%) | | | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | | |
| | | | | | | | |
| #Skeletal Muscle: | | | | | | | |
| Fibrous Histiocytoma | | | | | | | |
| | | 0/50 | (0%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| | | | | | | | |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 230
 Report Date: 06/05/2013

| | | Male | | | | Female | | | |
|---|-------|------|------|---------|-------|--------|------|------|---------------|
| #Skeletal Muscle: | | | | | | | | | |
| Lipoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| #Skin: | | | | | | | | | |
| Basal Cell Adenoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 1/50 | (2%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 1/50 | (2%) | Mean 2% SD 0% |
| | | | | | | | | | |
| #Skin: | | | | | | | | | |
| Basal Cell Adenoma or Basosquamous Tumor Benign | | | | | | | | | |
| | | 0/50 | (0%) | | | 1/50 | (2%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 1/50 | (2%) | Mean 2% SD 0% |
| | | | | | | | | | |
| #Skin: | | | | | | | | | |
| Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma | | | | | | | | | |
| | | 0/50 | (0%) | | | 1/50 | (2%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 1/50 | (2%) | Mean 2% SD 0% |
| | | | | | | | | | |
| #Skin: | | | | | | | | | |
| Basal Cell Carcinoma | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |
| #Skin: | | | | | | | | | |
| Basal Cell Carcinoma or Basosquamous Tumor (malignant or NOS) | | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) | Mean 0% SD 0% |
| | | | | | | | | | |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 231
 Report Date: 06/05/2013

| | Male | | | | Female | | | |
|--|-------|------------|----------|-------|--------|-----------|---------|-------|
| #Skin: | | | | | | | | |
| Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma | | | | | | | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 1/50 (2%) | Mean 2% | SD 0% |
| ----- | | | | | | | | |
| #Skin: | | | | | | | | |
| Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma | | | | | | | | |
| Overall Incidence | Total | 5/50 (10%) | Mean 10% | SD 0% | Total | 1/50 (2%) | Mean 2% | SD 0% |
| ----- | | | | | | | | |
| #Skin: | | | | | | | | |
| Fibroma | | | | | | | | |
| Overall Incidence | Total | 4/50 (8%) | Mean 8% | SD 0% | Total | 0/50 (0%) | Mean 0% | SD 0% |
| ----- | | | | | | | | |
| #Skin: | | | | | | | | |
| Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma | | | | | | | | |
| Overall Incidence | Total | 4/50 (8%) | Mean 8% | SD 0% | Total | 0/50 (0%) | Mean 0% | SD 0% |
| ----- | | | | | | | | |
| #Skin: | | | | | | | | |
| Fibrosarcoma | | | | | | | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% | SD 0% |
| ----- | | | | | | | | |
| #Skin: | | | | | | | | |
| Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma | | | | | | | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% | SD 0% |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 232
 Report Date: 06/05/2013

| | | Male | | | Female | | |
|-----------------------------|-------|------|------|---------|--------|---------|-----------|
| #Skin: | | | | | | | |
| Fibrous Histiocytoma | | | | | | | |
| | | 0/50 | (0%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | Mean 0% | SD 0% |
| | | | | | | | |
| #Skin: | | | | | | | |
| Hemangiosarcoma | | | | | | | |
| | | 0/50 | (0%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | Mean 0% | SD 0% |
| | | | | | | | |
| #Skin: | | | | | | | |
| Keratoacanthoma | | | | | | | |
| | | 4/50 | (8%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 4/50 | (8%) | Mean 8% | SD 0% | Total | 0/50 (0%) |
| | | | | | | Mean 0% | SD 0% |
| | | | | | | | |
| #Skin: | | | | | | | |
| Lipoma | | | | | | | |
| | | 2/50 | (4%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 2/50 | (4%) | Mean 4% | SD 0% | Total | 0/50 (0%) |
| | | | | | | Mean 0% | SD 0% |
| | | | | | | | |
| #Skin: | | | | | | | |
| Liposarcoma | | | | | | | |
| | | 0/50 | (0%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | Mean 0% | SD 0% |
| | | | | | | | |
| #Skin: | | | | | | | |
| Neural Crest Tumor | | | | | | | |
| | | 0/50 | (0%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | Mean 0% | SD 0% |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 233
 Report Date: 06/05/2013

| | Male | | | | Female | | | |
|--|-------|------|------|---------|--------|-------|---------|-------|
| #Skin: | | | | | | | | |
| Neurofibroma or Schwannoma benign | | | | | | | | |
| | | 0/50 | (0%) | | | 1/50 | (2%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 1/50 | (2%) |
| | | | | | | | Mean 2% | SD 0% |
| | | | | | | | | |
| #Skin: | | | | | | | | |
| Neurofibrosarcoma or Schwannoma (malignant or NOS) | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | Mean 0% | SD 0% |
| | | | | | | | | |
| #Skin: | | | | | | | | |
| Neurofibrosarcoma, Neurofibroma, or Schwannoma (benign, malignant or NOS) | | | | | | | | |
| | | 0/50 | (0%) | | | 1/50 | (2%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 1/50 | (2%) |
| | | | | | | | Mean 2% | SD 0% |
| | | | | | | | | |
| #Skin: | | | | | | | | |
| Sarcoma | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | Mean 0% | SD 0% |
| | | | | | | | | |
| #Skin: | | | | | | | | |
| Schwannoma Benign | | | | | | | | |
| | | 0/50 | (0%) | | | 1/50 | (2%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 1/50 | (2%) |
| | | | | | | | Mean 2% | SD 0% |
| | | | | | | | | |
| #Skin: | | | | | | | | |
| Schwannoma Malignant | | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 | (0%) |
| | | | | | | | Mean 0% | SD 0% |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 234
 Report Date: 06/05/2013

| | | Male | | | Female | | |
|---|-------|------------|----------|-------|-----------|-----------|---------------|
| #Skin: | | | | | | | |
| Squamous Cell Carcinoma | | | | | | | |
| | | 0/50 (0%) | | | 0/50 (0%) | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% SD 0% |
| | | | | | | | |
| #Skin: | | | | | | | |
| Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma | | | | | | | |
| | | 0/50 (0%) | | | 0/50 (0%) | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% SD 0% |
| | | | | | | | |
| #Skin: | | | | | | | |
| Squamous Cell Papilloma | | | | | | | |
| | | 1/50 (2%) | | | 0/50 (0%) | | |
| Overall Incidence | Total | 1/50 (2%) | Mean 2% | SD 0% | Total | 0/50 (0%) | Mean 0% SD 0% |
| | | | | | | | |
| #Skin: | | | | | | | |
| Squamous Cell Papilloma or Papilloma | | | | | | | |
| | | 1/50 (2%) | | | 0/50 (0%) | | |
| Overall Incidence | Total | 1/50 (2%) | Mean 2% | SD 0% | Total | 0/50 (0%) | Mean 0% SD 0% |
| | | | | | | | |
| #Skin: | | | | | | | |
| Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma | | | | | | | |
| | | 5/50 (10%) | | | 0/50 (0%) | | |
| Overall Incidence | Total | 5/50 (10%) | Mean 10% | SD 0% | Total | 0/50 (0%) | Mean 0% SD 0% |
| | | | | | | | |
| #Skin: | | | | | | | |
| Squamous Cell Papilloma, Papilloma, or Keratoacanthoma | | | | | | | |
| | | 5/50 (10%) | | | 0/50 (0%) | | |
| Overall Incidence | Total | 5/50 (10%) | Mean 10% | SD 0% | Total | 0/50 (0%) | Mean 0% SD 0% |

*: Denominator is number of animals with tissues examined microscopically
 #: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 235
 Report Date: 06/05/2013

| | | Male | | | Female | | |
|--------------------------------|-------|------|------|---------|--------|-------|-----------|
| #Skin: | | | | | | | |
| Trichoepithelioma | | | | | | | |
| | | 0/50 | (0%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| | | | | | | | |
| #Skin: Sebaceous Gland: | | | | | | | |
| Adenoma | | | | | | | |
| | | 0/50 | (0%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| | | | | | | | |
| #Skin: Sebaceous Gland: | | | | | | | |
| Carcinoma or Adenoma | | | | | | | |
| | | 0/50 | (0%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| | | | | | | | |
| #Spinal Cord: | | | | | | | |
| Glioma Malignant | | | | | | | |
| | | 0/50 | (0%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| | | | | | | | |
| #Stomach, Glandular: | | | | | | | |
| Carcinoma | | | | | | | |
| | | 0/50 | (0%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| | | | | | | | |
| #Stomach, Glandular: | | | | | | | |
| Carcinoma or Adenoma | | | | | | | |
| | | 0/50 | (0%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 236
 Report Date: 06/05/2013

| | | Male | | | Female | | |
|-----------------------------|-------|-------|-------|----------|--------|-------|-----------|
| #Stomach, Glandular: | | | | | | | |
| Sarcoma | | | | | | | |
| | | 0/50 | (0%) | | 0/50 | (0%) | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| | | | | | | | |
| *Testes: | | | | | | | |
| Adenoma | | | | | | | |
| | | 27/50 | (54%) | | | | |
| Overall Incidence | Total | 27/50 | (54%) | Mean 54% | SD 0% | | |
| | | | | | | | |
| *Testes: | | | | | | | |
| Hemangioma | | | | | | | |
| | | 0/50 | (0%) | | | | |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | | |
| | | | | | | | |
| *Thymus: | | | | | | | |
| Thymoma Benign | | | | | | | |
| | | 0/45 | (0%) | | | 0/47 | (0%) |
| Overall Incidence | Total | 0/45 | (0%) | Mean 0% | SD 0% | Total | 0/47 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| | | | | | | | |
| *Thymus: | | | | | | | |
| Thymoma Malignant | | | | | | | |
| | | 0/45 | (0%) | | | 0/47 | (0%) |
| Overall Incidence | Total | 0/45 | (0%) | Mean 0% | SD 0% | Total | 0/47 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| | | | | | | | |
| *Thymus: | | | | | | | |
| Thymoma NOS | | | | | | | |
| | | 0/45 | (0%) | | | 0/47 | (0%) |
| Overall Incidence | Total | 0/45 | (0%) | Mean 0% | SD 0% | Total | 0/47 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| | | | | | | | |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 237
 Report Date: 06/05/2013

| | | Male | | | Female | | |
|---|-------|------------|----------|-------|-----------|-----------|---------------|
| *Thymus: | | | | | | | |
| Thymoma: Benign, Malignant, NOS | | | | | | | |
| | | 0/45 (0%) | | | 0/47 (0%) | | |
| Overall Incidence | Total | 0/45 (0%) | Mean 0% | SD 0% | Total | 0/47 (0%) | Mean 0% SD 0% |
| | | | | | | | |
| *Thyroid Gland: C-Cell: | | | | | | | |
| Adenoma | | | | | | | |
| | | 8/50 (16%) | | | 3/50 (6%) | | |
| Overall Incidence | Total | 8/50 (16%) | Mean 16% | SD 0% | Total | 3/50 (6%) | Mean 6% SD 0% |
| | | | | | | | |
| *Thyroid Gland: C-Cell: | | | | | | | |
| Carcinoma | | | | | | | |
| | | 1/50 (2%) | | | 0/50 (0%) | | |
| Overall Incidence | Total | 1/50 (2%) | Mean 2% | SD 0% | Total | 0/50 (0%) | Mean 0% SD 0% |
| | | | | | | | |
| *Thyroid Gland: C-Cell: | | | | | | | |
| Carcinoma or Adenoma | | | | | | | |
| | | 8/50 (16%) | | | 3/50 (6%) | | |
| Overall Incidence | Total | 8/50 (16%) | Mean 16% | SD 0% | Total | 3/50 (6%) | Mean 6% SD 0% |
| | | | | | | | |
| *Thyroid Gland: Follicular Cell: | | | | | | | |
| Adenoma | | | | | | | |
| | | 0/50 (0%) | | | 0/50 (0%) | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% SD 0% |
| | | | | | | | |
| *Thyroid Gland: Follicular Cell: | | | | | | | |
| Carcinoma | | | | | | | |
| | | 0/50 (0%) | | | 0/50 (0%) | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% SD 0% |
| | | | | | | | |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 238
 Report Date: 06/05/2013

| | | Male | | | Female | | |
|---|-------|------|------|---------|--------|-------|-----------|
| *Thyroid Gland: Follicular Cell: Carcinoma or Adenoma | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| | | | | | | | |
| #Tongue: Squamous Cell Carcinoma | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| | | | | | | | |
| #Tongue: Squamous Cell Carcinoma or Papilloma Squamous | | | | | | | |
| | | 1/50 | (2%) | | | 0/50 | (0%) |
| Overall Incidence | Total | 1/50 | (2%) | Mean 2% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| | | | | | | | |
| #Tongue: Squamous Cell Papilloma | | | | | | | |
| | | 1/50 | (2%) | | | 0/50 | (0%) |
| Overall Incidence | Total | 1/50 | (2%) | Mean 2% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| | | | | | | | |
| #Tooth: Adamantinoma Malignant | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| | | | | | | | |
| *Urinary Bladder: Carcinoma | | | | | | | |
| | | 0/50 | (0%) | | | 0/50 | (0%) |
| Overall Incidence | Total | 0/50 | (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) |
| | | | | | | | Mean 0% |
| | | | | | | | SD 0% |
| | | | | | | | |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 239
 Report Date: 06/05/2013

| | Male | | | | Female | | | |
|---|-------|-----------|---------|-------|--------|-----------|---------|-------|
| *Urinary Bladder: Carcinoma or Papilloma | | | | | | | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% | SD 0% |
| | | | | | | | | |
| *Urinary Bladder: Hemangiosarcoma | | | | | | | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% | SD 0% |
| | | | | | | | | |
| *Urinary Bladder: Papilloma | | | | | | | | |
| Overall Incidence | Total | 0/50 (0%) | Mean 0% | SD 0% | Total | 0/50 (0%) | Mean 0% | SD 0% |
| | | | | | | | | |
| #Uterus: Adenoma | | | | | | | | |
| Overall Incidence | | | | | Total | 0/50 (0%) | Mean 0% | SD 0% |
| | | | | | | | | |
| #Uterus: Carcinoma | | | | | | | | |
| Overall Incidence | | | | | Total | 0/50 (0%) | Mean 0% | SD 0% |
| | | | | | | | | |
| #Uterus: Leiomyosarcoma | | | | | | | | |
| Overall Incidence | | | | | Total | 0/50 (0%) | Mean 0% | SD 0% |
| | | | | | | | | |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 240
 Report Date: 06/05/2013

| | Male | Female |
|---|------------------|----------------|
| #Uterus: | | |
| Polyp Stromal | | |
| Overall Incidence | Total 9/50 (18%) | Mean 18% SD 0% |
| #Uterus: | | |
| Sarcoma | | |
| Overall Incidence | Total 0/50 (0%) | Mean 0% SD 0% |
| #Uterus: | | |
| Sarcoma Stromal | | |
| Overall Incidence | Total 0/50 (0%) | Mean 0% SD 0% |
| #Uterus: | | |
| Sarcoma Stromal or Polyp Stromal | | |
| Overall Incidence | Total 9/50 (18%) | Mean 18% SD 0% |
| #Uterus: | | |
| Schwannoma Malignant | | |
| Overall Incidence | Total 0/50 (0%) | Mean 0% SD 0% |
| #Vagina: | | |
| Polyp | | |
| Overall Incidence | Total 1/50 (2%) | Mean 2% SD 0% |

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: F 344/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

Page: 241
 Report Date: 06/05/2013

| Male | | | | | Female | | | | | |
|-----------------------------|--|--|--|--|-----------|--|-----------|--|---------------|--|
| #Vagina: | | | | | | | | | | |
| Sarcoma | | | | | | | | | | |
| | | | | | 0/50 (0%) | | | | | |
| Overall Incidence | | | | | Total | | 0/50 (0%) | | Mean 0% SD 0% | |
| | | | | | | | | | | |
| #Vagina: | | | | | | | | | | |
| Schwannoma Malignant | | | | | | | | | | |
| | | | | | 0/50 (0%) | | | | | |
| Overall Incidence | | | | | Total | | 0/50 (0%) | | Mean 0% SD 0% | |
| | | | | | | | | | | |
| #Zymbal's Gland: | | | | | | | | | | |
| Adenoma | | | | | | | | | | |
| | | | | | 1/50 (2%) | | | | | |
| Overall Incidence | | | | | Total | | 1/50 (2%) | | Mean 2% SD 0% | |
| | | | | | | | | | | |
| #Zymbal's Gland: | | | | | | | | | | |
| Carcinoma | | | | | | | | | | |
| | | | | | 0/50 (0%) | | | | | |
| Overall Incidence | | | | | Total | | 0/50 (0%) | | Mean 0% SD 0% | |
| | | | | | | | | | | |
| #Zymbal's Gland: | | | | | | | | | | |
| Carcinoma or Adenoma | | | | | | | | | | |
| | | | | | 1/50 (2%) | | | | | |
| Overall Incidence | | | | | Total | | 1/50 (2%) | | Mean 2% SD 0% | |

*: Denominator is number of animals with tissues examined microscopically
 #: Denominator is number of animals necropsied