

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

Toxicology Data Management System  
 Tumor Incidence for Selected Control Animal Groups  
 Route: ORAL  
 Vehicle: WATER

Page: 255  
 Report Date:04/29/2009

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
<b>Male</b>							
Southern Research Institute	052011407	10/02/02	730	50 (3)	28(696)	532.4	Sodium dichromate dihydrate (VI)
Southern Research Institute	059601905	09/26/01	729	50 (3)	31(686)	526.0	Water disinfection byproducts (Bromochloroacetic acid)
Southern Research Institute	059601705	03/08/00	729	50 (3)	34(683)	522.9	Water disinfection byproducts (Dibromoacetic acid)
Southern Research Institute	059601505	09/05/01	729	50 (3)	31(692)	507.8	Water disinfection byproducts (Dibromoacetonitrile)
<b>Female</b>							
Southern Research Institute	052011407	10/02/02	735	50 (5)	33(700)	351.2	Sodium dichromate dihydrate (VI)
Southern Research Institute	059601905	09/26/01	731	50 (5)	34(688)	357.3	Water disinfection byproducts (Bromochloroacetic acid)
Southern Research Institute	059601705	03/08/00	734	50 (5)	35(693)	350.5	Water disinfection byproducts (Dibromoacetic acid)
Southern Research Institute	059601505	09/05/01	734	50 (5)	29(689)	337.6	Water disinfection byproducts (Dibromoacetonitrile)

NOTE: The text on page 2 ("Report Description") describes how the studies listed here are displayed on the data pages that follow.

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

**Page: 256**  
**Report Date:04/29/2009**

		Male				Female			
<b>#All Organs:</b>									
<b>Benign Tumors</b>									
		49/50 (98%)	50/50 (100%)	47/50 (94%)		47/50 (94%)	49/50 (98%)	42/50 (84%)	
		50/50 (100%)				44/50 (88%)			
<b>Overall Incidence</b>	Total	196/200 (98%)	Mean 98%	SD 2.83%	Total	182/200 (91%)	Mean 91%	SD 6.22%	
.....									
<b>#All Organs:</b>									
<b>Malignant Tumors</b>									
		29/50 (58%)	27/50 (54%)	29/50 (58%)		20/50 (40%)	18/50 (36%)	16/50 (32%)	
		27/50 (54%)				20/50 (40%)			
<b>Overall Incidence</b>	Total	112/200 (56%)	Mean 56%	SD 2.31%	Total	74/200 (37%)	Mean 37%	SD 3.83%	
.....									
<b>#All Organs:</b>									
<b>Malignant and Benign Tumors</b>									
		50/50 (100%)	50/50 (100%)	50/50 (100%)		49/50 (98%)	49/50 (98%)	45/50 (90%)	
		50/50 (100%)				48/50 (96%)			
<b>Overall Incidence</b>	Total	200/200 (100%)	Mean 100%	SD 0%	Total	191/200 (95.5%)	Mean 95.5%	SD 3.79%	
.....									
<b>#All Organs:</b>									
<b>Hemangioma</b>									
		1/50 (2%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	2/200 (1%)	Mean 1%	SD 1.15%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#All Organs:</b>									
<b>Hemangiosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				1/50 (2%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 257  
 Report Date:04/29/2009

		Male				Female			
<b>#All Organs:</b>									
<b>Hemangiosarcoma or Hemangioma</b>									
		1/50 (2%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)			1/50 (2%)				
<b>Overall Incidence</b>	Total	2/200 (1%)	Mean 1%	SD 1.15%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>#All Organs:</b>									
<b>Histiocytic Sarcoma</b>									
		0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)			0/50 (0%)				
<b>Overall Incidence</b>	Total	2/200 (1%)	Mean 1%	SD 2%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>#All Organs:</b>									
<b>Leukemia: Erythrocytic</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)			0/50 (0%)				
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#All Organs:</b>									
<b>Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated</b>									
		26/50 (52%)	21/50 (42%)	17/50 (34%)	8/50 (16%)	15/50 (30%)	11/50 (22%)		
		21/50 (42%)			14/50 (28%)				
<b>Overall Incidence</b>	Total	85/200 (42.5%)	Mean 42.5%	SD 7.37%	Total	48/200 (24%)	Mean 24%	SD 6.32%	
.....									
<b>#All Organs:</b>									
<b>Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)			1/50 (2%)				
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 258  
 Report Date:04/29/2009

		Male				Female			
<b>#All Organs:</b>									
<b>Mesothelioma: Benign</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#All Organs:</b>									
<b>Mesothelioma: Benign, Malignant, NOS</b>									
		2/50 (4%)	1/50 (2%)	3/50 (6%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	6/200 (3%)	Mean 3%	SD 2.58%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#All Organs:</b>									
<b>Mesothelioma: Malignant</b>									
		2/50 (4%)	1/50 (2%)	3/50 (6%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	6/200 (3%)	Mean 3%	SD 2.58%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#All Organs:</b>									
<b>Osteoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#All Organs:</b>									
<b>Osteosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 259  
 Report Date:04/29/2009

		Male				Female			
<b>#All Organs:</b>									
<b>Osteosarcoma or Osteoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>*Adrenal Cortex:</b>									
<b>Adenoma</b>									
		0/50 (0%)	0/50 (0%)	0/49 (0%)		1/50 (2%)	0/50 (0%)	1/49 (2%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/199 (0%)	Mean 0%	SD 0%	Total	2/199 (1.01%)	Mean 1.01%	SD 1.17%	
.....									
<b>*Adrenal Cortex:</b>									
<b>Carcinoma</b>									
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/199 (0%)	Mean 0%	SD 0%	Total	0/199 (0%)	Mean 0%	SD 0%	
.....									
<b>*Adrenal Medulla:</b>									
<b>Ganglioneuroma</b>									
		0/49 (0%)	0/50 (0%)	0/49 (0%)		0/49 (0%)	0/49 (0%)	0/49 (0%)	
		0/50 (0%)				0/49 (0%)			
<b>Overall Incidence</b>	Total	0/198 (0%)	Mean 0%	SD 0%	Total	0/196 (0%)	Mean 0%	SD 0%	
.....									
<b>*Adrenal Medulla:</b>									
<b>Hemangioma</b>									
		0/49 (0%)	0/50 (0%)	0/49 (0%)		0/49 (0%)	0/49 (0%)	0/49 (0%)	
		0/50 (0%)				0/49 (0%)			
<b>Overall Incidence</b>	Total	0/198 (0%)	Mean 0%	SD 0%	Total	0/196 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 260  
 Report Date:04/29/2009

		Male				Female			
<b>*Adrenal Medulla:</b>									
<b>Pheochromocytoma Benign</b>									
		6/49 (12%)	9/50 (18%)	7/49 (14%)		2/49 (4%)	2/49 (4%)	1/49 (2%)	
		10/50 (20%)				1/49 (2%)			
<b>Overall Incidence</b>	Total	32/198 (16.16%)	Mean 16.13%	SD 3.51%	Total	6/196 (3.06%)	Mean 3.06%	SD 1.18%	
.....									
<b>*Adrenal Medulla:</b>									
<b>Pheochromocytoma Complex</b>									
		0/49 (0%)	0/50 (0%)	0/49 (0%)		0/49 (0%)	0/49 (0%)	0/49 (0%)	
		0/50 (0%)				0/49 (0%)			
<b>Overall Incidence</b>	Total	0/198 (0%)	Mean 0%	SD 0%	Total	0/196 (0%)	Mean 0%	SD 0%	
.....									
<b>*Adrenal Medulla:</b>									
<b>Pheochromocytoma Malignant</b>									
		1/49 (2%)	1/50 (2%)	0/49 (0%)		1/49 (2%)	2/49 (4%)	0/49 (0%)	
		0/50 (0%)				0/49 (0%)			
<b>Overall Incidence</b>	Total	2/198 (1.01%)	Mean 1.01%	SD 1.17%	Total	3/196 (1.53%)	Mean 1.53%	SD 1.95%	
.....									
<b>*Adrenal Medulla:</b>									
<b>Pheochromocytoma: Benign, Complex, Malignant, NOS</b>									
		7/49 (14%)	10/50 (20%)	7/49 (14%)		3/49 (6%)	4/49 (8%)	1/49 (2%)	
		10/50 (20%)				1/49 (2%)			
<b>Overall Incidence</b>	Total	34/198 (17.17%)	Mean 17.14%	SD 3.3%	Total	9/196 (4.59%)	Mean 4.59%	SD 3.06%	
.....									
<b>#Bone:</b>									
<b>Chondrosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				1/50 (2%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

**Page: 261**  
**Report Date:04/29/2009**

		Male				Female			
<b>#Bone:</b>									
<b>Chondrosarcoma or Chondroma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				1/50 (2%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>#Bone:</b>									
<b>Chordoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Bone:</b>									
<b>Osteoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Bone:</b>									
<b>Osteosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>#Bone:</b>									
<b>Osteosarcoma or Osteoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 262  
 Report Date:04/29/2009

		Male				Female			
<b>*Brain:</b>									
<b>Astrocytoma Malignant</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Brain:</b>									
<b>Ependymoma Benign</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Brain:</b>									
<b>Ependymoma Malignant</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Brain:</b>									
<b>Glioma Malignant</b>									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Brain:</b>									
<b>Granular Cell Tumor Benign</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	

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



Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 263  
 Report Date:04/29/2009

		Male				Female			
<b>*Brain:</b>									
<b>Medulloblastoma Mal</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Brain:</b>									
<b>Meningioma Malignant</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>*Brain:</b>									
<b>Meningioma: Benign, Malignant, NOS</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>*Brain:</b>									
<b>Oligodendroglioma Benign</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Brain:</b>									
<b>Oligodendroglioma Malignant</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

**Page: 264**  
**Report Date:04/29/2009**

		Male				Female			
<b>*Brain:</b>									
<b>Oligodendroglioma, Glioma, or Astrocytoma</b>									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Brain:</b>									
<b>Osteosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Brain:</b>									
<b>Schwannoma Malignant</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Clitoral/Preputial Gland:</b>									
<b>Adenoma</b>									
		4/50 (8%)	4/50 (8%)	3/50 (6%)		2/50 (4%)	17/50 (34%)	8/50 (16%)	
		1/48 (2%)				5/50 (10%)			
<b>Overall Incidence</b>	Total	12/198 (6.06%)	Mean 6.02%	SD 2.79%	Total	32/200 (16%)	Mean 16%	SD 12.96%	
.....									
<b>*Clitoral/Preputial Gland:</b>									
<b>Carcinoma</b>									
		1/50 (2%)	2/50 (4%)	0/50 (0%)		8/50 (16%)	0/50 (0%)	1/50 (2%)	
		0/48 (0%)				1/50 (2%)			
<b>Overall Incidence</b>	Total	3/198 (1.52%)	Mean 1.5%	SD 1.91%	Total	10/200 (5%)	Mean 5%	SD 7.39%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

**Page: 265**  
**Report Date:04/29/2009**

		Male				Female			
<b>*Clitoral/Preputial Gland: Carcinoma or Adenoma</b>									
		4/50 (8%) 1/48 (2%)	5/50 (10%)	3/50 (6%)		10/50 (20%) 6/50 (12%)	17/50 (34%)	9/50 (18%)	
<b>Overall Incidence</b>	Total	13/198 (6.57%)	Mean 6.52%	SD 3.38%	Total	42/200 (21%)	Mean 21%	SD 9.31%	
.....									
<b>*Clitoral/Preputial Gland: Fibrosarcoma</b>									
		0/50 (0%) 0/48 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	
<b>Overall Incidence</b>	Total	0/198 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Clitoral/Preputial Gland: Sarcoma</b>									
		0/50 (0%) 0/48 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	
<b>Overall Incidence</b>	Total	0/198 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Clitoral/Preputial Gland: Squamous Cell Papilloma</b>									
		0/50 (0%) 0/48 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	
<b>Overall Incidence</b>	Total	1/198 (0.51%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Ear: Neural Crest Tumor</b>									
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

**Page: 266**  
**Report Date:04/29/2009**

		Male				Female			
<b>#Esophagus:</b>									
<b>Fibrosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Esophagus:</b>									
<b>Lipoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Eye:</b>									
<b>Amelanotic Melanoma, Benign</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Eye:</b>									
<b>Melanoma Malignant</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Eye:</b>									
<b>Schwannoma Malignant</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 267  
 Report Date:04/29/2009

		Male				Female			
<b>#Harderian Gland: Carcinoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Harderian Gland: Carcinoma or Adenoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Heart: Schwannoma Benign</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)	
		0/50 (0%)				1/50 (2%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	2/200 (1%)	Mean 1%	SD 1.15%	
.....									
<b>*Heart: Schwannoma Malignant</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>#Intestine Large: Colon/Rectum: Adenoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

**Page: 268**  
**Report Date:04/29/2009**

		Male				Female			
<b>#Intestine Large: Colon/Rectum: Carcinoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)				1/50 (2%)			
<b>Overall Incidence</b>	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>#Intestine Large: Colon/Rectum: Carcinoma or Adenoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)				1/50 (2%)			
<b>Overall Incidence</b>	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>#Intestine Large: Colon/Rectum: Hemangioma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Intestine Small: Duodenum: Carcinoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Intestine Small: Duodenum: Leiomyoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

**Page: 269**  
**Report Date: 04/29/2009**

		Male				Female			
<b>#Intestine Small: Jejunum: Carcinoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Intestine Small: Jejunum: Granular Cell Tumor Malignant</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Intestine Small: Jejunum: Leiomyoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Intestine Small: Jejunum: Leiomyosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>#Intestine Small: Site Unspecified: Carcinoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 270  
 Report Date:04/29/2009

		Male				Female			
<b>#Intestine Small: Site Unspecified: Carcinoma or Adenoma</b>									
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Intestine Small: Site Unspecified: Granular Cell Tumor Malignant</b>									
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Intestine Small: Site Unspecified: Leiomyoma</b>									
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>#Intestine Small: Site Unspecified: Leiomyosarcoma</b>									
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>*Islets, Pancreatic: Adenoma</b>									
		4/50 (8%) 5/49 (10%)	3/50 (6%)	5/48 (10%)	2/50 (4%) 1/50 (2%)	3/49 (6%)	0/47 (0%)	0/47 (0%)	
<b>Overall Incidence</b>	Total	17/197 (8.63%)	Mean 8.66%	SD 2.08%	Total	6/196 (3.06%)	Mean 3.03%	SD 2.63%	

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



Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 271  
 Report Date:04/29/2009

		Male				Female			
<b>*Islets, Pancreatic: Carcinoma</b>									
		0/50 (0%)	2/50 (4%)	0/48 (0%)		0/50 (0%)	0/49 (0%)	0/47 (0%)	
		1/49 (2%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	3/197 (1.52%)	Mean 1.51%	SD 1.92%	Total	0/196 (0%)	Mean 0%	SD 0%	
.....									
<b>*Islets, Pancreatic: Carcinoma or Adenoma</b>									
		4/50 (8%)	5/50 (10%)	5/48 (10%)		2/50 (4%)	3/49 (6%)	0/47 (0%)	
		6/49 (12%)				1/50 (2%)			
<b>Overall Incidence</b>	Total	20/197 (10.15%)	Mean 10.17%	SD 1.74%	Total	6/196 (3.06%)	Mean 3.03%	SD 2.63%	
.....									
<b>*Kidney: Pelvis and Transitional Epithelium: Carcinoma</b>									
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/49 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/198 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Kidney: Pelvis and Transitional Epithelium: Carcinoma or Adenoma</b>									
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/49 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/198 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Kidney: Pelvis and Transitional Epithelium: Papilloma</b>									
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/49 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/198 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 272  
 Report Date: 04/29/2009

		Male				Female			
<b>*Kidney: Renal Tubule: Adenoma</b>									
		0/50 (0%)	0/50 (0%)	1/49 (2%)		0/50 (0%)	1/50 (2%)	0/50 (0%)	
		0/49 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	1/198 (0.51%)	Mean 0.51%	SD 1.02%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>*Kidney: Renal Tubule: Carcinoma</b>									
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/49 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/198 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Kidney: Renal Tubule: Carcinoma or Adenoma</b>									
		0/50 (0%)	0/50 (0%)	1/49 (2%)		0/50 (0%)	1/50 (2%)	0/50 (0%)	
		0/49 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	1/198 (0.51%)	Mean 0.51%	SD 1.02%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>*Kidney: Renal Tubule: Hemangiosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/49 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/198 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Kidney: Renal Tubule: Lipoma</b>									
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/49 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/198 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

**Page: 273**  
**Report Date:04/29/2009**

		Male				Female			
<b>*Kidney: Renal Tubule: Mesenchymal Tumor Benign</b>									
		0/50 (0%) 0/49 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
<b>Overall Incidence</b>	Total	0/198 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Kidney: Renal Tubule: Nephroblastoma</b>									
		0/50 (0%) 0/49 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
<b>Overall Incidence</b>	Total	0/198 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Kidney: Renal Tubule: Sarcoma</b>									
		0/50 (0%) 0/49 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
<b>Overall Incidence</b>	Total	0/198 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Liver: Cholangioma</b>									
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Liver: Hemangiosarcoma</b>									
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

**Page: 274**  
**Report Date:04/29/2009**

		Male				Female			
<b>*Liver:</b>									
<b>Hepatocellular Adenoma</b>									
		0/50 (0%)	2/50 (4%)	1/50 (2%)		1/50 (2%)	0/50 (0%)	2/50 (4%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	3/200 (1.5%)	Mean 1.5%	SD 1.91%	Total	3/200 (1.5%)	Mean 1.5%	SD 1.91%	
.....									
<b>*Liver:</b>									
<b>Hepatocellular Carcinoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Liver:</b>									
<b>Hepatocellular Carcinoma or Hepatoblastoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Liver:</b>									
<b>Hepatocellular Carcinoma or Hepatocellular Adenoma</b>									
		0/50 (0%)	2/50 (4%)	1/50 (2%)		1/50 (2%)	0/50 (0%)	2/50 (4%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	3/200 (1.5%)	Mean 1.5%	SD 1.91%	Total	3/200 (1.5%)	Mean 1.5%	SD 1.91%	
.....									
<b>*Liver:</b>									
<b>Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma</b>									
		0/50 (0%)	2/50 (4%)	1/50 (2%)		1/50 (2%)	0/50 (0%)	2/50 (4%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	3/200 (1.5%)	Mean 1.5%	SD 1.91%	Total	3/200 (1.5%)	Mean 1.5%	SD 1.91%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 275  
 Report Date:04/29/2009

		Male				Female			
<b>*Lung:</b>									
<b>Alveolar/Bronchiolar Adenoma</b>									
		4/50 (8%)	2/50 (4%)	2/50 (4%)		4/50 (8%)	1/50 (2%)	1/50 (2%)	
		3/50 (6%)				1/50 (2%)			
<b>Overall Incidence</b>	Total	11/200 (5.5%)	Mean 5.5%	SD 1.91%	Total	7/200 (3.5%)	Mean 3.5%	SD 3%	
.....									
<b>*Lung:</b>									
<b>Alveolar/Bronchiolar Carcinoma</b>									
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)	
		1/50 (2%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	2/200 (1%)	Mean 1%	SD 1.15%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>*Lung:</b>									
<b>Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma</b>									
		4/50 (8%)	3/50 (6%)	2/50 (4%)		4/50 (8%)	1/50 (2%)	2/50 (4%)	
		4/50 (8%)				1/50 (2%)			
<b>Overall Incidence</b>	Total	13/200 (6.5%)	Mean 6.5%	SD 1.91%	Total	8/200 (4%)	Mean 4%	SD 2.83%	
.....									
<b>*Lung:</b>									
<b>Fibrosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Lung:</b>									
<b>Hemangiosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 276  
 Report Date:04/29/2009

		Male				Female			
<b>*Lung:</b>									
<b>Sarcoma</b>									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Lung:</b>									
<b>Squamous Cell Carcinoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Lymph Node:</b>									
<b>Hemangiosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Mammary Gland:</b>									
<b>Adenolipoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Mammary Gland:</b>									
<b>Adenoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		2/50 (4%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	2/200 (1%)	Mean 1%	SD 2%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

**Page: 277**  
**Report Date:04/29/2009**

		Male				Female			
<b>#Mammary Gland: Carcinoma</b>									
		1/50 (2%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	1/50 (2%)	3/50 (6%)	
		1/50 (2%)				2/50 (4%)			
<b>Overall Incidence</b>	Total	3/200 (1.5%)	Mean 1.5%	SD 1%	Total	6/200 (3%)	Mean 3%	SD 2.58%	
.....									
<b>#Mammary Gland: Carcinoma or Adenoma</b>									
		1/50 (2%)	0/50 (0%)	1/50 (2%)		2/50 (4%)	1/50 (2%)	3/50 (6%)	
		1/50 (2%)				2/50 (4%)			
<b>Overall Incidence</b>	Total	3/200 (1.5%)	Mean 1.5%	SD 1%	Total	8/200 (4%)	Mean 4%	SD 1.63%	
.....									
<b>#Mammary Gland: Fibroadenoma</b>									
		2/50 (4%)	3/50 (6%)	4/50 (8%)		37/50 (74%)	43/50 (86%)	32/50 (64%)	
		6/50 (12%)				31/50 (62%)			
<b>Overall Incidence</b>	Total	15/200 (7.5%)	Mean 7.5%	SD 3.42%	Total	143/200 (71.5%)	Mean 71.5%	SD 11%	
.....									
<b>#Mammary Gland: Fibroma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Mammary Gland: Fibroma, Fibroadenoma or Adenoma</b>									
		2/50 (4%)	3/50 (6%)	4/50 (8%)		37/50 (74%)	43/50 (86%)	32/50 (64%)	
		6/50 (12%)				31/50 (62%)			
<b>Overall Incidence</b>	Total	15/200 (7.5%)	Mean 7.5%	SD 3.42%	Total	143/200 (71.5%)	Mean 71.5%	SD 11%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 278  
 Report Date:04/29/2009

		Male				Female			
<b>#Mammary Gland:</b>									
<b>Fibroma, Fibroadenoma, Carcinoma, or Adenoma</b>									
		3/50 (6%)	3/50 (6%)	5/50 (10%)		37/50 (74%)	43/50 (86%)	32/50 (64%)	
		6/50 (12%)				31/50 (62%)			
<b>Overall Incidence</b>	Total	17/200 (8.5%)	Mean 8.5%	SD 3%	Total	143/200 (71.5%)	Mean 71.5%	SD 11%	
.....									
<b>#Mesentery:</b>									
<b>Fibrosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Mesentery:</b>									
<b>Hemangiosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Mesentery:</b>									
<b>Lipoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Mesentery:</b>									
<b>Rhabdomyosarcoma</b>									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%	

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



Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 279  
 Report Date:04/29/2009

		Male				Female			
<b>*Nose:</b>									
<b>Adenoma</b>									
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/199 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Nose:</b>									
<b>Chondroma</b>									
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/199 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Nose:</b>									
<b>Squamous Cell Carcinoma</b>									
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/199 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):</b>									
<b>Papilloma Squamous or Papilloma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				1/50 (2%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	3/200 (1.5%)	Mean 1.5%	SD 1%	
.....									
<b>#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):</b>									
<b>Squamous Cell Carcinoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

**Page: 280**  
**Report Date:04/29/2009**

		Male				Female			
<b>#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma</b>									
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%) 1/50 (2%)	1/50 (2%)	0/50 (0%)	
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	3/200 (1.5%)	Mean 1.5%	SD 1%	
.....									
<b>#Oral Mucosa: Squamous Cell Carcinoma</b>									
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Oral Mucosa: Squamous Cell Papilloma</b>									
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>*Ovary: Cystadenoma</b>									
					0/49 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		
<b>Overall Incidence</b>	Total				0/199 (0%)	Mean 0%	SD 0%		
.....									
<b>*Ovary: Granulosa Cell Tumor Benign</b>									
					0/49 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		
<b>Overall Incidence</b>	Total				0/199 (0%)	Mean 0%	SD 0%		

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

**Page: 281**  
**Report Date:04/29/2009**

	Male		Female	
<b>*Ovary:</b>				
<b>Granulosa Cell Tumor Malignant</b>				
		0/49 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)		
<b>Overall Incidence</b>	Total	0/199 (0%)	Mean 0%	SD 0%
.....				
<b>*Ovary:</b>				
<b>Granulosa Cell Tumor: Benign, Malignant, NOS</b>				
		0/49 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)		
<b>Overall Incidence</b>	Total	0/199 (0%)	Mean 0%	SD 0%
.....				
<b>*Ovary:</b>				
<b>Granulosa-Theca Tumor Benign</b>				
		0/49 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)		
<b>Overall Incidence</b>	Total	1/199 (0.5%)	Mean 0.5%	SD 1%
.....				
<b>*Ovary:</b>				
<b>Granulosa-Theca Tumor Malignant</b>				
		0/49 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)		
<b>Overall Incidence</b>	Total	0/199 (0%)	Mean 0%	SD 0%
.....				
<b>*Ovary:</b>				
<b>Tubulostromal Adenoma</b>				
		0/49 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)		
<b>Overall Incidence</b>	Total	0/199 (0%)	Mean 0%	SD 0%

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

**Page: 282**  
**Report Date:04/29/2009**

		Male				Female			
<b>*Pancreas:</b>									
<b>Adenoma</b>									
		1/50 (2%)	2/50 (4%)	0/48 (0%)		0/50 (0%)	0/50 (0%)	0/47 (0%)	
		1/49 (2%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	4/197 (2.03%)	Mean 2.01%	SD 1.63%	Total	0/197 (0%)	Mean 0%	SD 0%	
.....									
<b>*Pancreas:</b>									
<b>Carcinoma</b>									
		0/50 (0%)	0/50 (0%)	0/48 (0%)		0/50 (0%)	0/50 (0%)	0/47 (0%)	
		0/49 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/197 (0%)	Mean 0%	SD 0%	Total	0/197 (0%)	Mean 0%	SD 0%	
.....									
<b>*Pancreas:</b>									
<b>Carcinoma or Adenoma</b>									
		1/50 (2%)	2/50 (4%)	0/48 (0%)		0/50 (0%)	0/50 (0%)	0/47 (0%)	
		1/49 (2%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	4/197 (2.03%)	Mean 2.01%	SD 1.63%	Total	0/197 (0%)	Mean 0%	SD 0%	
.....									
<b>*Pancreas:</b>									
<b>Mixed Tumor Benign</b>									
		0/50 (0%)	0/50 (0%)	0/48 (0%)		0/50 (0%)	0/50 (0%)	0/47 (0%)	
		0/49 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/197 (0%)	Mean 0%	SD 0%	Total	0/197 (0%)	Mean 0%	SD 0%	
.....									
<b>*Pancreas:</b>									
<b>Mixed Tumor Malignant</b>									
		0/50 (0%)	0/50 (0%)	0/48 (0%)		0/50 (0%)	0/50 (0%)	0/47 (0%)	
		0/49 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/197 (0%)	Mean 0%	SD 0%	Total	0/197 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

**Page: 283**  
**Report Date:04/29/2009**

		Male				Female			
<b>*Parathyroid Gland:</b>									
<b>Adenoma</b>									
		0/46 (0%)	0/44 (0%)	0/50 (0%)		0/46 (0%)	0/42 (0%)	0/50 (0%)	
		1/46 (2%)				0/42 (0%)			
<b>Overall Incidence</b>	Total	1/186 (0.54%)	Mean 0.54%	SD 1.09%	Total	0/180 (0%)	Mean 0%	SD 0%	
.....									
<b>#Peripheral Nerve:</b>									
<b>Schwannoma Malignant</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Peripheral Nerve:</b>									
<b>Schwannoma: Benign, Malignant, NOS</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Pituitary Gland: Pars Distalis or Unspecified Site:</b>									
<b>Adenoma</b>									
		16/50 (32%)	23/48 (48%)	23/50 (46%)		28/50 (56%)	28/50 (56%)	26/50 (52%)	
		24/50 (48%)				27/49 (55%)			
<b>Overall Incidence</b>	Total	86/198 (43.43%)	Mean 43.48%	SD 7.71%	Total	109/199 (54.77%)	Mean 54.78%	SD 1.9%	
.....									
<b>*Pituitary Gland: Pars Distalis or Unspecified Site:</b>									
<b>Carcinoma</b>									
		0/50 (0%)	0/48 (0%)	0/50 (0%)		2/50 (4%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/49 (0%)			
<b>Overall Incidence</b>	Total	0/198 (0%)	Mean 0%	SD 0%	Total	2/199 (1.01%)	Mean 1%	SD 2%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 284  
 Report Date: 04/29/2009

		Male				Female			
<b>*Pituitary Gland: Pars Distalis or Unspecified Site: Carcinoma or Adenoma</b>									
		16/50 (32%)	23/48 (48%)	23/50 (46%)		30/50 (60%)	28/50 (56%)	26/50 (52%)	
		24/50 (48%)				27/49 (55%)			
<b>Overall Incidence</b>	Total	86/198 (43.43%)	Mean 43.48%	SD 7.71%	Total	111/199 (55.78%)	Mean 55.78%	SD 3.3%	
.....									
<b>*Pituitary Gland: Pars Distalis or Unspecified Site: Ganglioneuroma</b>									
		0/50 (0%)	0/48 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/49 (0%)			
<b>Overall Incidence</b>	Total	0/198 (0%)	Mean 0%	SD 0%	Total	0/199 (0%)	Mean 0%	SD 0%	
.....									
<b>*Pituitary Gland: Pars Intermedia: Adenoma</b>									
		0/50 (0%)	0/48 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)	
		0/50 (0%)				0/49 (0%)			
<b>Overall Incidence</b>	Total	0/198 (0%)	Mean 0%	SD 0%	Total	1/199 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>*Pituitary Gland: Pars Intermedia: Carcinoma</b>									
		0/50 (0%)	0/48 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/49 (0%)			
<b>Overall Incidence</b>	Total	0/198 (0%)	Mean 0%	SD 0%	Total	0/199 (0%)	Mean 0%	SD 0%	
.....									
<b>*Pituitary Gland: Pars Intermedia: Carcinoma or Adenoma</b>									
		0/50 (0%)	0/48 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)	
		0/50 (0%)				0/49 (0%)			
<b>Overall Incidence</b>	Total	0/198 (0%)	Mean 0%	SD 0%	Total	1/199 (0.5%)	Mean 0.5%	SD 1%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 285  
 Report Date:04/29/2009

		Male				Female			
<b>*Prostate:</b>									
<b>Adenoma</b>									
		2/50	(4%)	0/50	(0%)	0/50	(0%)		
		0/49	(0%)						
<b>Overall Incidence</b>	Total	2/199	(1.01%)	Mean	1%	SD	2%		
.....									
<b>*Prostate:</b>									
<b>Carcinoma or Adenoma</b>									
		2/50	(4%)	0/50	(0%)	0/50	(0%)		
		0/49	(0%)						
<b>Overall Incidence</b>	Total	2/199	(1.01%)	Mean	1%	SD	2%		
.....									
<b>*Salivary Glands:</b>									
<b>Sarcoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)			0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/200	(0%)	Mean	0%	SD	0%	Total	0/200 (0%) Mean 0% SD 0%
.....									
<b>#Seminal Vesicle:</b>									
<b>Adenoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)						
<b>Overall Incidence</b>	Total	0/200	(0%)	Mean	0%	SD	0%		
.....									
<b>#Skeletal Muscle:</b>									
<b>Fibrous Histiocytoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)			0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/200	(0%)	Mean	0%	SD	0%	Total	0/200 (0%) Mean 0% SD 0%

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 286  
 Report Date:04/29/2009

		Male				Female			
<b>#Skeletal Muscle: Hemangioma</b>									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skeletal Muscle: Hemangiosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skeletal Muscle: Lipoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skeletal Muscle: Rhabdomyosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skeletal Muscle: Rhabdomyosarcoma or Rhabdomyoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	

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



Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 287  
 Report Date:04/29/2009

		Male				Female			
<b>#Skeletal Muscle:</b>									
<b>Sarcoma</b>									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skin:</b>									
<b>Basal Cell Adenoma</b>									
		2/50 (4%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		2/50 (4%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	4/200 (2%)	Mean 2%	SD 2.31%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skin:</b>									
<b>Basal Cell Adenoma or Basosquamous Tumor Benign</b>									
		2/50 (4%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		2/50 (4%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	4/200 (2%)	Mean 2%	SD 2.31%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skin:</b>									
<b>Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma</b>									
		2/50 (4%)	3/50 (6%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		2/50 (4%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	8/200 (4%)	Mean 4%	SD 1.63%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skin:</b>									
<b>Basal Cell Carcinoma</b>									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		2/50 (4%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	3/200 (1.5%)	Mean 1.5%	SD 1.91%	Total	0/200 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 288  
 Report Date:04/29/2009

		Male				Female			
<b>#Skin:</b>									
<b>Basal Cell Carcinoma or Basosquamous Tumor (malignant or NOS)</b>									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		2/50 (4%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	3/200 (1.5%)	Mean 1.5%	SD 1.91%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skin:</b>									
<b>Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma</b>									
		2/50 (4%)	3/50 (6%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		4/50 (8%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	11/200 (5.5%)	Mean 5.5%	SD 1.91%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skin:</b>									
<b>Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma</b>									
		5/50 (10%)	6/50 (12%)	7/50 (14%)		1/50 (2%)	0/50 (0%)	1/50 (2%)	
		11/50 (22%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	29/200 (14.5%)	Mean 14.5%	SD 5.26%	Total	2/200 (1%)	Mean 1%	SD 1.15%	
.....									
<b>#Skin:</b>									
<b>Fibroma</b>									
		8/50 (16%)	7/50 (14%)	5/50 (10%)		1/50 (2%)	1/50 (2%)	1/50 (2%)	
		8/50 (16%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	28/200 (14%)	Mean 14%	SD 2.83%	Total	3/200 (1.5%)	Mean 1.5%	SD 1%	
.....									
<b>#Skin:</b>									
<b>Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma</b>									
		11/50 (22%)	8/50 (16%)	6/50 (12%)		1/50 (2%)	1/50 (2%)	1/50 (2%)	
		9/50 (18%)				1/50 (2%)			
<b>Overall Incidence</b>	Total	34/200 (17%)	Mean 17%	SD 4.16%	Total	4/200 (2%)	Mean 2%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 289  
 Report Date:04/29/2009

		Male				Female			
<b>#Skin:</b>									
<b>Fibrosarcoma</b>									
		1/50 (2%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				1/50 (2%)			
<b>Overall Incidence</b>	Total	2/200 (1%)	Mean 1%	SD 1.15%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>#Skin:</b>									
<b>Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma</b>									
		3/50 (6%)	1/50 (2%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		1/50 (2%)				1/50 (2%)			
<b>Overall Incidence</b>	Total	6/200 (3%)	Mean 3%	SD 2%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>#Skin:</b>									
<b>Fibrous Histiocytoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		1/50 (2%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skin:</b>									
<b>Hemangioma</b>									
		1/50 (2%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	2/200 (1%)	Mean 1%	SD 1.15%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skin:</b>									
<b>Hemangiosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

**Page: 290**  
**Report Date:04/29/2009**

		Male				Female			
<b>#Skin:</b>									
<b>Keratoacanthoma</b>									
		2/50 (4%)	1/50 (2%)	3/50 (6%)		1/50 (2%)	0/50 (0%)	0/50 (0%)	
		6/50 (12%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	12/200 (6%)	Mean 6%	SD 4.32%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>#Skin:</b>									
<b>Lipoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		1/50 (2%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skin:</b>									
<b>Liposarcoma</b>									
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skin:</b>									
<b>Neural Crest Tumor</b>									
		0/50 (0%)	1/50 (2%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	2/200 (1%)	Mean 1%	SD 1.15%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skin:</b>									
<b>Neural Crest Tumor, Malignant</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 291  
 Report Date:04/29/2009

		Male				Female			
<b>#Skin:</b>									
<b>Neurofibroma or Schwannoma benign</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skin:</b>									
<b>Neurofibrosarcoma or Schwannoma (malignant or NOS)</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skin:</b>									
<b>Neurofibrosarcoma, Neurofibroma, or Schwannoma (benign, malignant or NOS)</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skin:</b>									
<b>Sarcoma</b>									
		2/50 (4%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	3/200 (1.5%)	Mean 1.5%	SD 1.91%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skin:</b>									
<b>Schwannoma Benign</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 292  
 Report Date:04/29/2009

		Male				Female			
<b>#Skin:</b>									
<b>Schwannoma Malignant</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skin:</b>									
<b>Squamous Cell Carcinoma</b>									
		1/50 (2%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	2/200 (1%)	Mean 1%	SD 1.15%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skin:</b>									
<b>Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma</b>									
		1/50 (2%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		2/50 (4%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	4/200 (2%)	Mean 2%	SD 1.63%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skin:</b>									
<b>Squamous Cell Papilloma</b>									
		1/50 (2%)	3/50 (6%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	1/50 (2%)	
		1/50 (2%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	7/200 (3.5%)	Mean 3.5%	SD 1.91%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>#Skin:</b>									
<b>Squamous Cell Papilloma or Papilloma</b>									
		1/50 (2%)	3/50 (6%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	1/50 (2%)	
		1/50 (2%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	7/200 (3.5%)	Mean 3.5%	SD 1.91%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 293  
 Report Date:04/29/2009

		Male				Female			
<b>#Skin:</b>									
<b>Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma</b>									
		4/50 (8%)	4/50 (8%)	6/50 (12%)		1/50 (2%)	0/50 (0%)	1/50 (2%)	
		7/50 (14%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	21/200 (10.5%)	Mean 10.5%	SD 3%	Total	2/200 (1%)	Mean 1%	SD 1.15%	
.....									
<b>#Skin:</b>									
<b>Squamous Cell Papilloma, Papilloma, or Keratoacanthoma</b>									
		3/50 (6%)	4/50 (8%)	5/50 (10%)		1/50 (2%)	0/50 (0%)	1/50 (2%)	
		7/50 (14%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	19/200 (9.5%)	Mean 9.5%	SD 3.42%	Total	2/200 (1%)	Mean 1%	SD 1.15%	
.....									
<b>#Skin:</b>									
<b>Trichoepithelioma</b>									
		0/50 (0%)	3/50 (6%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	4/200 (2%)	Mean 2%	SD 2.83%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Skin: Sebaceous Gland:</b>									
<b>Adenoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>#Skin: Sebaceous Gland:</b>									
<b>Carcinoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

**Page: 294**  
**Report Date:04/29/2009**

		Male				Female			
<b>#Skin: Sebaceous Gland:</b>									
<b>Carcinoma or Adenoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>#Spinal Cord:</b>									
<b>Astrocytoma Benign</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Spinal Cord:</b>									
<b>Astrocytoma Malignant</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Spinal Cord:</b>									
<b>Glioma Malignant</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Spleen:</b>									
<b>Fibrosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/47 (0%)	
		0/49 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/199 (0%)	Mean 0%	SD 0%	Total	0/197 (0%)	Mean 0%	SD 0%	

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



Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

**Page: 295**  
**Report Date:04/29/2009**

		Male				Female			
<b>*Spleen:</b>									
<b>Fibrous Histiocytoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/47 (0%)
		0/49 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/199 (0%)	Mean 0%	SD 0%	Total	0/197 (0%)	Mean 0%	SD 0%	
.....									
<b>*Spleen:</b>									
<b>Hemangioma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/47 (0%)
		0/49 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/199 (0%)	Mean 0%	SD 0%	Total	0/197 (0%)	Mean 0%	SD 0%	
.....									
<b>*Spleen:</b>									
<b>Hemangiosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/47 (0%)
		0/49 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/199 (0%)	Mean 0%	SD 0%	Total	0/197 (0%)	Mean 0%	SD 0%	
.....									
<b>*Spleen:</b>									
<b>Leiomyosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/47 (0%)
		0/49 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/199 (0%)	Mean 0%	SD 0%	Total	0/197 (0%)	Mean 0%	SD 0%	
.....									
<b>*Spleen:</b>									
<b>Sarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/47 (0%)
		0/49 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/199 (0%)	Mean 0%	SD 0%	Total	0/197 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

**Page: 296**  
**Report Date:04/29/2009**

		Male				Female			
<b>#Stomach, Forestomach: Leiomyosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Stomach, Forestomach: Squamous Cell Carcinoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Stomach, Forestomach: Squamous Cell Carcinoma or Papilloma Squamous</b>									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>#Stomach, Forestomach: Squamous Cell Papilloma</b>									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	
.....									
<b>#Stomach, Glandular: Lipoma</b>									
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 297  
 Report Date:04/29/2009

		Male				Female			
<b>#Stomach, Glandular:</b>									
<b>Sarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Testes:</b>									
<b>Adenoma</b>									
		48/50 (96%)	46/50 (92%)	41/50 (82%)					
		49/50 (98%)							
<b>Overall Incidence</b>	Total	184/200 (92%)	Mean 92%	SD 7.12%					
.....									
<b>*Thymus:</b>									
<b>Sarcoma</b>									
		0/48 (0%)	0/49 (0%)	1/49 (2%)		0/50 (0%)	0/50 (0%)	0/49 (0%)	
		0/43 (0%)				0/48 (0%)			
<b>Overall Incidence</b>	Total	1/189 (0.53%)	Mean 0.51%	SD 1.02%	Total	0/197 (0%)	Mean 0%	SD 0%	
.....									
<b>*Thymus:</b>									
<b>Thymoma Benign</b>									
		0/48 (0%)	0/49 (0%)	1/49 (2%)		0/50 (0%)	0/50 (0%)	0/49 (0%)	
		0/43 (0%)				0/48 (0%)			
<b>Overall Incidence</b>	Total	1/189 (0.53%)	Mean 0.51%	SD 1.02%	Total	0/197 (0%)	Mean 0%	SD 0%	
.....									
<b>*Thymus:</b>									
<b>Thymoma Malignant</b>									
		0/48 (0%)	0/49 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)	
		0/43 (0%)				0/48 (0%)			
<b>Overall Incidence</b>	Total	0/189 (0%)	Mean 0%	SD 0%	Total	0/197 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 298  
 Report Date:04/29/2009

		Male				Female			
<b>*Thymus:</b>									
<b>Thymoma NOS</b>									
		0/48 (0%)	0/49 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)	
		0/43 (0%)				0/48 (0%)			
<b>Overall Incidence</b>	Total	0/189 (0%)	Mean 0%	SD 0%	Total	0/197 (0%)	Mean 0%	SD 0%	
.....									
<b>*Thymus:</b>									
<b>Thymoma: Benign, Malignant, NOS</b>									
		0/48 (0%)	0/49 (0%)	1/49 (2%)		0/50 (0%)	0/50 (0%)	0/49 (0%)	
		0/43 (0%)				0/48 (0%)			
<b>Overall Incidence</b>	Total	1/189 (0.53%)	Mean 0.51%	SD 1.02%	Total	0/197 (0%)	Mean 0%	SD 0%	
.....									
<b>*Thyroid Gland: C-Cell:</b>									
<b>Adenoma</b>									
		5/50 (10%)	3/50 (6%)	6/50 (12%)		8/50 (16%)	6/49 (12%)	6/50 (12%)	
		10/49 (20%)				6/46 (13%)			
<b>Overall Incidence</b>	Total	24/199 (12.06%)	Mean 12.1%	SD 6.07%	Total	26/195 (13.33%)	Mean 13.32%	SD 1.84%	
.....									
<b>*Thyroid Gland: C-Cell:</b>									
<b>Carcinoma</b>									
		1/50 (2%)	1/50 (2%)	1/50 (2%)		2/50 (4%)	1/49 (2%)	0/50 (0%)	
		1/49 (2%)				0/46 (0%)			
<b>Overall Incidence</b>	Total	4/199 (2.01%)	Mean 2.01%	SD 0.02%	Total	3/195 (1.54%)	Mean 1.51%	SD 1.92%	
.....									
<b>*Thyroid Gland: C-Cell:</b>									
<b>Carcinoma or Adenoma</b>									
		6/50 (12%)	4/50 (8%)	7/50 (14%)		10/50 (20%)	7/49 (14%)	6/50 (12%)	
		11/49 (22%)				6/46 (13%)			
<b>Overall Incidence</b>	Total	28/199 (14.07%)	Mean 14.11%	SD 6.09%	Total	29/195 (14.87%)	Mean 14.83%	SD 3.57%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 299  
 Report Date: 04/29/2009

		Male				Female			
<b>*Thyroid Gland: Follicular Cell: Adenoma</b>									
		0/50 (0%)	2/50 (4%)	1/50 (2%)		0/50 (0%)	0/49 (0%)	0/50 (0%)	
		0/49 (0%)				1/46 (2%)			
<b>Overall Incidence</b>	Total	3/199 (1.51%)	Mean 1.5%	SD 1.91%	Total	1/195 (0.51%)	Mean 0.54%	SD 1.09%	
.....									
<b>*Thyroid Gland: Follicular Cell: Carcinoma</b>									
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)	
		0/49 (0%)				0/46 (0%)			
<b>Overall Incidence</b>	Total	1/199 (0.5%)	Mean 0.5%	SD 1%	Total	0/195 (0%)	Mean 0%	SD 0%	
.....									
<b>*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma</b>									
		0/50 (0%)	3/50 (6%)	1/50 (2%)		0/50 (0%)	0/49 (0%)	0/50 (0%)	
		0/49 (0%)				1/46 (2%)			
<b>Overall Incidence</b>	Total	4/199 (2.01%)	Mean 2%	SD 2.83%	Total	1/195 (0.51%)	Mean 0.54%	SD 1.09%	
.....									
<b>#Tissue NOS: Lipoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Tissue NOS: Paraganglioma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 300  
 Report Date:04/29/2009

		Male				Female			
<b>#Tissue NOS:</b>									
<b>Schwannoma Malignant</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Tongue:</b>									
<b>Squamous Cell Carcinoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>#Tongue:</b>									
<b>Squamous Cell Carcinoma or Papilloma Squamous</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				1/50 (2%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	2/200 (1%)	Mean 1%	SD 1.15%	
.....									
<b>#Tongue:</b>									
<b>Squamous Cell Papilloma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				1/50 (2%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	2/200 (1%)	Mean 1%	SD 1.15%	
.....									
<b>#Tooth:</b>									
<b>Adamantinoma Malignant</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 301  
 Report Date:04/29/2009

		Male				Female			
<b>#Tooth:</b>									
<b>Odontoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%	
.....									
<b>*Urinary Bladder:</b>									
<b>Carcinoma</b>									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/199 (0%)	Mean 0%	SD 0%	
.....									
<b>*Urinary Bladder:</b>									
<b>Carcinoma or Papilloma</b>									
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/199 (0%)	Mean 0%	SD 0%	
.....									
<b>*Urinary Bladder:</b>									
<b>Hemangiosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/199 (0%)	Mean 0%	SD 0%	
.....									
<b>*Urinary Bladder:</b>									
<b>Leiomyosarcoma</b>									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/199 (0%)	Mean 0%	SD 0%	

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

**Page: 302**  
**Report Date:04/29/2009**

		Male				Female								
<b>*Urinary Bladder:</b>														
<b>Papilloma</b>														
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)			
		0/50	(0%)					0/50	(0%)					
<b>Overall Incidence</b>	Total	0/200	(0%)	Mean	0%	SD	0%	Total	0/199	(0%)	Mean	0%	SD	0%
.....														
<b>#Uterus:</b>														
<b>Adenoma</b>														
								1/50	(2%)	0/50	(0%)	0/50	(0%)	
								0/50	(0%)					
<b>Overall Incidence</b>	Total							1/200	(0.5%)	Mean	0.5%	SD	1%	
.....														
<b>#Uterus:</b>														
<b>Carcinoma</b>														
								0/50	(0%)	0/50	(0%)	0/50	(0%)	
								0/50	(0%)					
<b>Overall Incidence</b>	Total							0/200	(0%)	Mean	0%	SD	0%	
.....														
<b>#Uterus:</b>														
<b>Deciduoma Benign</b>														
								0/50	(0%)	0/50	(0%)	0/50	(0%)	
								0/50	(0%)					
<b>Overall Incidence</b>	Total							0/200	(0%)	Mean	0%	SD	0%	
.....														
<b>#Uterus:</b>														
<b>Hemangioma</b>														
								0/50	(0%)	0/50	(0%)	0/50	(0%)	
								0/50	(0%)					
<b>Overall Incidence</b>	Total							0/200	(0%)	Mean	0%	SD	0%	

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



Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

**Page: 303**  
**Report Date:04/29/2009**

	Male		Female
<b>#Uterus:</b>			
<b>Hemangiosarcoma</b>			
		0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)
<b>Overall Incidence</b>	Total	1/200 (0.5%)	Mean 0.5% SD 1%
.....			
<b>#Uterus:</b>			
<b>Leiomyoma</b>			
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0% SD 0%
.....			
<b>#Uterus:</b>			
<b>Leiomyosarcoma</b>			
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0% SD 0%
.....			
<b>#Uterus:</b>			
<b>Polyp Stromal</b>			
		10/50 (20%) 13/50 (26%)	9/50 (18%) 4/50 (8%)
<b>Overall Incidence</b>	Total	36/200 (18%)	Mean 18% SD 7.48%
.....			
<b>#Uterus:</b>			
<b>Sarcoma Stromal</b>			
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
<b>Overall Incidence</b>	Total	0/200 (0%)	Mean 0% SD 0%

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

**Page: 304**  
**Report Date:04/29/2009**

		Male			Female			
<b>#Uterus:</b>								
<b>Sarcoma Stromal or Polyp Stromal</b>								
			10/50 (20%)		9/50 (18%)		4/50 (8%)	
			13/50 (26%)					
<b>Overall Incidence</b>		Total	36/200 (18%)		Mean 18%		SD 7.48%	
.....								
<b>#Uterus:</b>								
<b>Schwannoma Malignant</b>								
			0/50 (0%)		0/50 (0%)		0/50 (0%)	
			1/50 (2%)					
<b>Overall Incidence</b>		Total	1/200 (0.5%)		Mean 0.5%		SD 1%	
.....								
<b>#Vagina:</b>								
<b>Polyp</b>								
			0/50 (0%)		0/50 (0%)		0/50 (0%)	
			0/50 (0%)					
<b>Overall Incidence</b>		Total	0/200 (0%)		Mean 0%		SD 0%	
.....								
<b>#Vagina:</b>								
<b>Sarcoma</b>								
			0/50 (0%)		0/50 (0%)		0/50 (0%)	
			0/50 (0%)					
<b>Overall Incidence</b>		Total	0/200 (0%)		Mean 0%		SD 0%	
.....								
<b>#Zymbal's Gland:</b>								
<b>Adenoma</b>								
		0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/50 (0%)			0/50 (0%)			
<b>Overall Incidence</b>	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%

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

Version: May2009  
 Contract/Lab: All Laboratories  
 Species: RATS  
 Strain: F344  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: ORAL**  
**Vehicle: WATER**

Page: 305  
 Report Date:04/29/2009

		Male				Female			
<b>#Zymbal's Gland: Carcinoma</b>									
		0/50 (0%)	1/50 (2%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	1/50 (2%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	2/200 (1%)	Mean 1%	SD 1.15%	
.....									
<b>#Zymbal's Gland: Carcinoma or Adenoma</b>									
		0/50 (0%)	1/50 (2%)	1/50 (2%)		1/50 (2%)	0/50 (0%)	1/50 (2%)	
		0/50 (0%)				0/50 (0%)			
<b>Overall Incidence</b>	Total	2/200 (1%)	Mean 1%	SD 1.15%	Total	2/200 (1%)	Mean 1%	SD 1.15%	

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