Toxicology Data Management System

Contract/Lab: All Laboratories

Species: RATS Strain: F 344/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Page: 238

Report Date: 03/20/2010

Route: ORAL Vehicle: WATER

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	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	059601505	09/05/01	729	50(3)	31(692)	507.8	Water disinfection byproducts (Dibromoacetonitrile)
					Female		
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	059601505	09/05/01	734	50(5)	29(689)	337.6	Water disinfection byproducts (Dibromoacetonitrile)

Species: RATS

Strain: F 344/N

Toxicology Data Management System

Page: 239

Report Date: 03/20/2010

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER

Length of Study: CHRONIC

Male **Female** #All Organs: **Benign Tumors** 49/50 (98%)50/50 (100%) 50/50 (100%) 47/50 (94%)49/50 (98%)44/50 (88%)**Overall Incidence** Total 149/150 (99.33%) Mean 99.33% SD 1.15% 140/150 (93.33%) Mean 93.33% SD 5.03% Total #All Organs: **Malignant Tumors** 29/50 (58%)27/50 (54%)27/50 (54%)20/50 (40%)18/50 (36%)20/50 (40%)**Overall Incidence** Total 83/150 (55.33%) Mean 55.33% SD 2.31% 58/150 (38.67%) Mean 38.67% SD 2.31% Total #All Organs: **Malignant and Benign Tumors** 50/50 (100%) 50/50 (100%) 50/50 (100%) 49/50 (98%)49/50 (98%)48/50 (96%)Overall Incidence Total 150/150 (100%) Mean 100% SD 0% 146/150 (97.33%) Mean 97.33% SD 1.15% Total #All Organs: Hemangioma 1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 1/150 (0.67%) Mean 0.67% SD 1.15% Total 0/150 (0%) Mean 0% SD 0% **#All Organs:** Hemangiosarcoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)**Overall Incidence** Total 0/150 (0%) Mean 0% SD 0% Total 1/150 (0.67%) Mean 0.67% SD 1.15% **#All Organs:** Hemangiosarcoma or Hemangioma 1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)**Overall Incidence** 1/150 (0.67%) Mean 0.67% 1/150 (0.67%) Mean 0.67% SD 1.15% Total SD 1.15% Total

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: RATS Strain: F 344/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER Page: 240

			Male			Female				
#All Organs: Histiocytic Sarcoma										
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)		
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%		
#All Organs: Leukemia: Erythrocytic										
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%		
#All Organs: Leukemia: Lymphocytic, N Overall Incidence	Monocytic, M	lononuclear, or Undifferer 26/50 (52%) 68/150 (45.33%)	ntiated 21/50 (42%) Mean 45.33%	21/50 (42%) SD 5.77%	Total	8/50 (16%) 37/150 (24.67%)	15/50 (30%) Mean 24.67%	14/50 (28%) SD 7.57%		
#All Organs: Malignant Lymphoma: His	tiocytic, Lyn			= =						
			0/50 (0%)	0/50 (0%)		0/50 (00/)	0/50 (0%)	1/50 (2%)		
		0/50 (0%)	` ,	` '		0/50 (0%)	, ,	` '		
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%		
	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%		
#All Organs: Mesothelioma: Benign		0/150 (0%) 0/50 (0%)	Mean 0%	SD 0% 0/50 (0%)		1/150 (0.67%) 0/50 (0%)	Mean 0.67% 0/50 (0%)	SD 1.15% 0/50 (0%)		
#All Organs: Mesothelioma: Benign	Total Total	0/150 (0%)	Mean 0%	SD 0%	Total Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%		
Overall Incidence#All Organs: Mesothelioma: Benign Overall Incidence #All Organs: Mesothelioma: Benign, Ma	Total	0/150 (0%) 0/50 (0%) 0/150 (0%)	Mean 0%	SD 0% 0/50 (0%)		1/150 (0.67%) 0/50 (0%)	Mean 0.67% 0/50 (0%)	SD 1.15% 0/50 (0%)		
#All Organs: Mesothelioma: Benign Overall Incidence #All Organs:	Total	0/150 (0%) 0/50 (0%) 0/150 (0%)	Mean 0%	SD 0% 0/50 (0%)		1/150 (0.67%) 0/50 (0%)	Mean 0.67% 0/50 (0%)	SD 1.15% 0/50 (0%)		

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: RATS

Strain: F 344/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 241

Report Date: 03/20/2010

0/50

0/50

SD 0%

SD 1.15%

(0%)

(0%)

Route: ORAL Vehicle: WATER

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** #All Organs: Mesothelioma: Malignant 2/50 (4%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)SD 2% SD 0% **Overall Incidence** Total 3/150 (2%) Mean 2% Total 0/150 (0%) Mean 0% #All Organs: Osteoma

0/50

SD 0%

0/50

SD 0%

(0%)

(0%)

Total

Total

0/50

0/50

1/150 (0.67%)

0/150 (0%)

(0%)

(0%)

0/50

1/50

(0%)

(2%)

Mean 0%

Mean 0.67%

Overall Incidence
#All Organs:

Overall Incidence

#All Organs: Osteosarcoma

Osteosarcoma or Osteoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%

*Adrenal Cortex: Adenoma

		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%

*Adrenal Cortex: Carcinoma

Carcinoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

Total

Total

0/50

0/150 (0%)

0/50

0/150 (0%)

(0%)

(0%)

0/50

0/50

Mean 0%

Mean 0%

(0%)

(0%)

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: RATS Strain: F 344/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER Page: 242

			Male			Female			
Adrenal Medulla: Ganglioneuroma									
		0/49 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/49 (0%)	0/49 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/147 (0%)	Mean 0%	SD 0%	
Adrenal Medulla: Hemangioma									
		0/49 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/49 (0%)	0/49 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/147 (0%)	Mean 0%	SD 0%	
Adrenal Medulla: Pheochromocytoma Benign		6/49 (12%)		10/50 (20%)		2/49 (4%)	2/49 (4%)	1/49 (2%)	
Overall Incidence	Total	25/149 (16.78%)	9/50 (18%) Mean 16.75%	10/50 (20%) SD 4.03%	Total	5/147 (3.4%)	2/49 (4%) Mean 3.4%	1/49 (2%) SD 1.18%	
		,							
Adrenal Medulla: Pheochromocytoma Comple	ex	0/49 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/49 (0%)	0/49 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/147 (0%)	Mean 0%	SD 0%	
Adrenal Medulla: Pheochromocytoma Maligna					•				
		1/49 (2%)	1/50 (2%)	0/50 (0%)		1/49 (2%)	2/49 (4%)	0/49 (0%)	
Overall Incidence	Total	2/149 (1.34%)	Mean 1.35%	SD 1.17%	Total	3/147 (2.04%)	Mean 2.04%	SD 2.04%	
Adrenal Medulla: Pheochromocytoma: Benigr		x, Malignant, NOS							
	.	7/49 (14%)	10/50 (20%)	10/50 (20%)	-	3/49 (6%)	4/49 (8%)	1/49 (2%)	
Overall Incidence	Total	27/149 (18.12%)	Mean 18.1%	SD 3.3%	Total	8/147 (5.44%)	Mean 5.44%	SD 3.12%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: RATS Strain: F 344/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER Page: 243

			Male				Female	
#Bone: Chondrosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
#Bone: Chondrosarcoma or Chondr	roma							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
#Bone: Chordoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
[‡] Bone: Osteoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
Bone: Osteosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
#Bone: Osteosarcoma or Osteoma								
O	T-1-1	0/50 (0%)	0/50 (0%)	0/50 (0%)	T-1-1	0/50 (0%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Page: 244

Report Date: 03/20/2010

Species: RATS Strain: F 344/N Route: ORAL Vehicle: WATER

Length of Study: CHRONIC

			Male				Female	
Brain: Astrocytoma Malignant		-1	-1					
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Brain: Ependymoma Benign								
verall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Brain: Ependymoma Malignant								
verall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Brain: Glioma Malignant								
overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Brain: Granular Cell Tumor Benig								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Brain: Medulloblastoma Mal		0/50 (00/)	0/50 /00/	0/50 /00//		0/50 (0%)	0/50 (0%)	0/50 (00/)
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Report Date: 03/20/2010

Page: 245

Species: RATS Strain: F 344/N Route: ORAL Vehicle: WATER

Length of Study: CHRONIC

			Male			Female						
Brain: Oligodendroglioma Benign												
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0% SD 0%	5) Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%				
*Brain: Oligodendroglioma Malig	nant											
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0% SD 0%	5) Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%				
*Brain: Oligodendroglioma, Glion	na, or Astrocy		0/50 (00/)	0/50 (00/	·····	0/50 (/0//)	0/50 (00/)	0/50 (00/)				
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0% SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%				
*Brain: Osteosarcoma		0/50 (00/)	0/50 (00/)	0/50 (00/	·····	0/50 (/0//)	0/50 (00/)	0/50 (00/)				
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0% SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%				
*Brain: Schwannoma Malignant		•••••	•••••		•••••			•••••				
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0% SD 0%	5) Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%				
*Clitoral/Preputial Gland: Adenoma												
Overall Incidence	Total	4/50 (8%) 9/148 (6.08%)	4/50 (8%) Mean 6.03%	1/48 (2% SD 3.42%	5) Total	2/50 (4%) 24/150 (16%)	17/50 (34%) Mean 16%	5/50 (10%) SD 15.87%				

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: RATS Strain: F 344/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER Page: 246

			Male			Female			
*Clitoral/Preputial Gland: Carcinoma									
O	T-1-1	1/50 (2%)	2/50 (4%)	0/48 (0%)	Tatal	8/50 (16%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	3/148 (2.03%)	Mean 2%	SD 2%	Total	9/150 (6%)	Mean 6%	SD 8.72%	
Clitoral/Preputial Gland: Carcinoma or Adenoma									
		4/50 (8%)	5/50 (10%)	1/48 (2%)		10/50 (20%)	17/50 (34%)	6/50 (12%)	
Overall Incidence	Total	10/148 (6.76%)	Mean 6.69%	SD 4.12%	Total	33/150 (22%)	Mean 22%	SD 11.14%	
Clitoral/Preputial Gland: Fibrosarcoma					•••••				
		0/50 (0%)	0/50 (0%)	0/48 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/148 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
Clitoral/Preputial Gland: Sarcoma									
		0/50 (0%)	0/50 (0%)	0/48 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/148 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
Ear: Neural Crest Tumor									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
#Esophagus: Fibrosarcoma									
	.	0/50 (0%)	0/50 (0%)	0/50 (0%)	+	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: RATS Strain: F 344/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER Page: 247

			Male		Female			
#Esophagus: Lipoma								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0% SD 0%	6) Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
έΕye: Melanoma Malignant								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0% SD 0%	%) Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Eye: Schwannoma Malignant		0/50 (0%)	0/50 (0%)	0/50 (00	<i>(</i>)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0% SD 0%	o) Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Harderian Gland: Carcinoma								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0% SD 0%	6) Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Harderian Gland: Carcinoma or Adenoma	•••••							
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0% SD 0%	%) Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Heart: Schwannoma Benign								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0% SD 0%	6) Total	0/50 (0%) 2/150 (1.33%)	1/50 (2%) Mean 1.33%	1/50 (2%) SD 1.15%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: RATS Strain: F 344/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER Page: 248

			Male		Female				
*Heart: Schwannoma Malignant									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	
Intestine Large: Colon/Recti Adenoma	um:								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
fintestine Large: Colon/Rect	um:								
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	
fintestine Large: Colon/Rect Carcinoma or Adenoma	um:								
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	
fintestine Large: Colon/Recti Hemangioma	um:								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
fintestine Small: Duodenum: Carcinoma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: RATS Strain: F 344/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER Page: 249

			Male			Female				
#Intestine Small: Duodenum: Leiomyoma										
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0% SD 0%) Total	1/50 (2%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	0/50 (0%) SD 1.15%		
	10tai	0/150 (0%)		SD 0%		1/150 (0.67%)				
Intestine Small: Ileum: Adenoma										
		0/50 (0%)	0/50 (0%)	0/50 (0%	,	0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%		
fintestine Small: Jejunum: Carcinoma										
		0/50 (0%)	0/50 (0%)	0/50 (0%	,	0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%		
fintestine Small: Jejunum: Granular Cell Tumor Maligna	ant									
		0/50 (0%)	0/50 (0%)	0/50 (0%	,	0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%		
Intestine Small: Jejunum: Leiomyoma										
·		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%		
Intestine Small: Jejunum: Leiomyosarcoma										
		0/50 (0%)	0/50 (0%)	0/50 (0%	,	0/50 (0%)	1/50 (2%)	0/50 (0%)		
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%		

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: RATS

Strain: F 344/N

Toxicology Data Management System

Page: 250

Report Date: 03/20/2010

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER

Length of Study: CHRONIC

			Male				Female	
#Intestine Small: Site Uns Adenoma	pecified:							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Uns Carcinoma	pecified:							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Uns Carcinoma or Adenoma	•							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Uns Granular Cell Tumor Ma	•							
Overell Incidence	Tatal	0/50 (0%)	0/50 (0%)	0/50 (0%)	Tatal	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Uns Leiomyoma	pecified:							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
#Intestine Small: Site Uns Leiomyosarcoma	pecified:							
-		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Strain: F 344/N

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: RATS

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER Page: 251

			Male			Female				
Islets, Pancreatic:										
		4/50 (8%)	3/50 (6%)	5/49 (10%)		2/50 (4%)	3/49 (6%)	1/50 (2%)		
Overall Incidence	Total	12/149 (8.05%)	Mean 8.07%	SD 2.1%	Total	6/149 (4.03%)	Mean 4.04%	SD 2.06%		
slets, Pancreatic: Carcinoma										
		0/50 (0%)	2/50 (4%)	1/49 (2%)		0/50 (0%)	0/49 (0%)	0/50 (0%)		
verall Incidence	Total	3/149 (2.01%)	Mean 2.01%	SD 2%	Total	0/149 (0%)	Mean 0%	SD 0%		
Islets, Pancreatic: Carcinoma or Adenoma										
		4/50 (8%)	5/50 (10%)	6/49 (12%)		2/50 (4%)	3/49 (6%)	1/50 (2%)		
Overall Incidence	Total	15/149 (10.07%)	Mean 10.08%	SD 2.12%	Total	6/149 (4.03%)	Mean 4.04%	SD 2.06%		
Kidney: Pelvis and Transition	nal Epitheli	ium:								
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%		
Kidney: Pelvis and Transition Carcinoma or Adenoma		ium:								
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%		
Kidney: Pelvis and Transition Papilloma		ium:								
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%		

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: RATS

Strain: F 344/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ORAL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: WATER

Page: 252

			Male					Female	
*Kidney: Renal Tubule: Adenoma									
		0/50 (0%)	0/50 (0%)	,	(0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%		Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
Kidney: Renal Tubule: Carcinoma									
		0/50 (0%)	0/50 (0%)	,	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%		Total	0/150 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Carcinoma or Adenoma					(004)				2/22
		0/50 (0%)	0/50 (0%)	,	(0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%		Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
Kidney: Renal Tubule: Hemangiosarcoma		0/50 (00/)	0/50 (00/)	0/40	(00()		0/50 (00/)	0(50 (00))	0/50 (00/)
Overell Incidence	Total	0/50 (0%) 0/149 (0%)	0/50 (0%)	,	(0%)	Total	0/50 (0%)	0/50 (0%)	0/50 (0%) SD 0%
Overall Incidence		` '	Mean 0%	SD 0%		Total	0/150 (0%)	Mean 0%	
Kidney: Renal Tubule: Lipoma									
		0/50 (0%)	0/50 (0%)	0/49 ((0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%		Total	0/150 (0%)	Mean 0%	SD 0%
Kidney: Renal Tubule: Mesenchymal Tumor Benig									
		0/50 (0%)	0/50 (0%)	,	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%		Total	0/150 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

ries Tumor Inciden

Species: RATS Strain: F 344/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Page: 253

Report Date: 03/20/2010

Route: ORAL Vehicle: WATER

			Male				Female	
*Kidney: Renal Tubule: Mesenchymal Tumor Malig	jnant							
O	Tatal	0/50 (0%)	0/50 (0%)	0/49 (0%)	Tatal	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
Kidney: Renal Tubule: Nephroblastoma		0(50 (00))	0/50 (00/)	0/40 (00/)		0(50 (00))	0/50 (00/)	0/50 (00)
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/50 (0%) Mean 0%	0/49 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
		` ,						3D 0/0
Kidney: Renal Tubule: Sarcoma		0/50 (0%)	0/50 (0%)	0/40 /00/		0/50 (00/)	0/50 (00/)	0/50 (00/)
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/50 (0%) Mean 0%	0/49 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
·····		` ,				` '		
Liver: Cholangioma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
Liver: Hemangiosarcoma								
	.	0/50 (0%)	0/50 (0%)	0/50 (0%)	-	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
Liver: Hepatocellular Adenoma								
		0/50 (0%)	2/50 (4%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	2/150 (1.33%)	Mean 1.33%	SD 2.31%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: RATS Strain: F 344/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: WATER

Report Date: 03/20/2010 Route: ORAL

Page: 254

			Male				Female	
Liver: Hepatocellular Carcinor	ma							
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
		` '						
Liver: Hepatocellular Carcinon	na or Hepatobl	astoma						
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
*Liver: Hepatocellular Carcinon								
ricpatoccitatai Garomor	na or riepatooc	0/50 (0%)	2/50 (4%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	2/150 (1.33%)	Mean 1.33%	SD 2.31%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
*Liver: Hepatocellular Carcinon		ular Adenoma, or Hepatol 0/50 (0%)		0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	2/150 (1.33%)	Mean 1.33%	SD 2.31%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
*Liver: Ito Cell Tumor Benign							•••••	•••••
_		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
*Lung: Alveolar/Bronchiolar Ad								
		4/50 (8%)	2/50 (4%)	3/50 (6%)		4/50 (8%)	1/50 (2%)	1/50 (2%)
Overall Incidence	Total	9/150 (6%)	Mean 6%	SD 2%	Total	6/150 (4%)	Mean 4%	SD 3.46%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: RATS Strain: F 344/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER Page: 255

			Male			Female					
*Lung: Alveolar/Bronchiolar Carcinoma											
		0/50 (0%)	1/50 (2%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%			
Lung: Alveolar/Bronchiolar Carcii	noma or Alv	veolar/Bronchiolar Adeno	ma								
		4/50 (8%)	3/50 (6%)	4/50 (8%)		4/50 (8%)	1/50 (2%)	1/50 (2%)			
Overall Incidence	Total	11/150 (7.33%)	Mean 7.33%	SD 1.15%	Total	6/150 (4%)	Mean 4%	SD 3.46%			
Lung: Fibrosarcoma			•••••								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%			
Lung: Hemangiosarcoma											
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%			
Lung: Squamous Cell Carcinoma											
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%			
Lymph Node: Hemangiosarcoma											
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%			

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: RATS

Toxicology Data Management System

Page: 256

Report Date: 03/20/2010

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

> Route: ORAL Vehicle: WATER

Strain: F 344/N Length of Study: CHRONIC Male Female

			Male				Female	
#Mammary Gland: Adenolipoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
Mammary Gland: Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		2/50 (4%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	2/150 (1.33%)	Mean 1.33%	SD 2.31%
Mammary Gland: Carcinoma								
		1/50 (2%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	1/50 (2%)	2/50 (4%)
verall Incidence	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%	Total	3/150 (2%)	Mean 2%	SD 2%
Mammary Gland: Carcinoma or Adenoma								0/50 (404)
	-	1/50 (2%)	0/50 (0%)	1/50 (2%)	-	2/50 (4%)	1/50 (2%)	2/50 (4%)
verall Incidence	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%	Total	5/150 (3.33%)	Mean 3.33%	SD 1.15%
Mammary Gland: Fibroadenoma								
		2/50 (4%)	3/50 (6%)	6/50 (12%)		37/50 (74%)	43/50 (86%)	31/50 (62%)
verall Incidence	Total	11/150 (7.33%)	Mean 7.33%	SD 4.16%	Total	111/150 (74%)	Mean 74%	SD 12%
Mammary Gland: Fibroma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
verall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: RATS

Strain: F 344/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ORAL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: WATER

Page: 257

			Male		Female						
#Mammary Gland: Fibroma, Fibroadenoma or Adenoma											
	.	2/50 (4%)	3/50 (6%)	6/50 (12%)	T	37/50 (74%)	43/50 (86%)	31/50 (62%)			
verall Incidence	Total	11/150 (7.33%)	Mean 7.33%	SD 4.16%	Total	111/150 (74%)	Mean 74%	SD 12%			
Mammary Gland: Fibroma, Fibroadenoma, C	Carcinoma, o	r Adenoma									
		3/50 (6%)	3/50 (6%)	6/50 (12%)		37/50 (74%)	43/50 (86%)	31/50 (62%)			
verall Incidence	Total	12/150 (8%)	Mean 8%	SD 3.46%	Total	111/150 (74%)	Mean 74%	SD 12%			
fMesentery: Fibrous Histiocytoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%			
Mesentery: Hemangiosarcoma		0/50 (0%)	0/50 (0%)	0/50 (0%)	•••••	0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%			
Mesentery: Lipoma											
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
verall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%			
Mesentery: Schwannoma Malignant											
	.	0/50 (0%)	0/50 (0%)	0/50 (0%)	T	0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%			

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: RATS Strain: F 344/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER Page: 258

			Male		Female				
Nose: Adenoma									
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
'Nose: Chondroma									
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
Nose: Squamous Cell Carcin	oma	0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (09/)	
Overall Incidence	Total	0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
Oral Cavity (Oral Mucos Papilloma Squamous o	sa, Tongue, Phar								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	1/50 (2%) 3/150 (2%)	1/50 (2%) Mean 2%	1/50 (2%) SD 0%	
Oral Cavity (Oral Mucos	sa, Tongue, Phar	ynx, Tooth, Gingiva):							
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
Oral Cavity (Oral Mucos	sa, Tongue, Phar	ynx, Tooth, Gingiva): Squamous, or Papilloma 0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	1/50 (2%)	1/50 (2%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	3/150 (2%)	Mean 2%	SD 0%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: RATS

Strain: F 344/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Page: 259

			Male				Female	
#Oral Mucosa: Squamous Cell Carcinoma								
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
weran incidence	Total	0/150 (0%)	iviean 0%	SD 0%	Total	0/150 (0%)	wiean 0%	SD 0%
Oral Mucosa: Squamous Cell Papilloma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
Ovary: Cystadenoma								
					T	0/49 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence					Total	0/149 (0%)	Mean 0%	SD 0%
Ovary: Granulosa Cell Tumor Beni	gn					0/49 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence					Total	0/149 (0%)	Mean 0%	SD 0%
Ovary: Granulosa Cell Tumor Maliç	gnant							
					T	0/49 (0%)	0/50 (0%)	0/50 (0%)
verall Incidence					Total	0/149 (0%)	Mean 0%	SD 0%
Ovary: Granulosa Cell Tumor: Ben	ign, Maligna	ant, NOS						
Overell In aldones					Tatal	0/49 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence					Total	0/149 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Route: ORAL

Vehicle: WATER

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups Species: RATS Strain: F 344/N

Length of Study: CHRONIC

Page: 260

		Male						(0%)		
Ovary: Granulosa-Theca Tumor B	enign									
Overall Incidence						Total	0/49 (0%) 1/149 (0.67%)	` '	, ,	
Ovary: Granulosa-Theca Tumor M	alignant	•••••								
Overall Incidence						Total	0/49 (0%) 0/149 (0%)	` '	` ,	
Ovary: Tubulostromal Adenoma										
Overall Incidence						Total	0/49 (0%) 0/149 (0%)	Mean 0%	SD 0%	
Pancreas: Adenoma										
Overall Incidence	Total	1/50 (2%) 4/149 (2.68%)	2/50 (4%) Mean 2.68%	1/49 SD 1.14%		Total	0/50 (0%) 0/150 (0%)	Mean 0%	SD 0%	
Pancreas: Carcinoma						•••••				
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/50 (0%) Mean 0%	0/49 SD 0%	(0%)	Total	0/50 (0%) 0/150 (0%)	` ,	` ,	
Pancreas: Carcinoma or Adenoma										
Overall Incidence	Total	1/50 (2%) 4/149 (2.68%)	2/50 (4%) Mean 2.68%	1/49 SD 1.14%	(2%)	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: RATS
Strain: F 344/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER Page: 261

			Male		Total 0/150 (0%) Mean 0% SD 0/50 (0%) 0/50 (0%) 0/50 Total 0/150 (0%) Mean 0% SD 0/46 (0%) 0/42 (0%) 0/42 Total 0/130 (0%) Mean 0% SD 0/48 (0%) 0/49 (0%) 0/42			
Pancreas: Mixed Tumor Benign						0/50 (0%) 0/50 (0%) 0/50 Total 0/150 (0%) Mean 0% SD 09 0/50 (0%) 0/50 (0%) 0/50 Total 0/150 (0%) Mean 0% SD 09 0/46 (0%) 0/42 (0%) 0/42 Total 0/130 (0%) Mean 0% SD 09 28/50 (56%) 28/50 (56%) 27/49 (50%) Total 83/149 (55.7%) Mean 55.7% SD 0.52		
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%		` '	Mean 0%	SD 0%
Pancreas: Mixed Tumor Malignant								
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
*Parathyroid Gland: Adenoma		- (c-1)						(05.13
		0/46 (0%)	0/44 (0%)	1/46 (2%)		` '	` ,	` '
Overall Incidence	Total	1/136 (0.74%)	Mean 0.72%	SD 1.26%		0/130 (0%)	Mean 0%	SD 0%
Pituitary Gland: Pars Dist Adenoma	alis or Unspec	cified Site:						
		16/50 (32%)	23/48 (48%)	24/50 (48%)		` '	, ,	27/49 (55%)
Overall Incidence	Total	63/148 (42.57%)	Mean 42.64%	SD 9.21%		` ,		SD 0.52%
Pituitary Gland: Pars Dist Carcinoma								
		0/50 (0%)	0/48 (0%)	0/50 (0%)		2/50 (4%)	0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/148 (0%)	Mean 0%	SD 0%	Total	` ,		SD 2.31%
*Pituitary Gland: Pars Dist Carcinoma or Adenoma								
		16/50 (32%)	23/48 (48%)	24/50 (48%)		30/50 (60%)	28/50 (56%)	27/49 (55%)
				SD 9.21%				

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: RATS Strain: F 344/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER Page: 262

			Male				Female	
Pituitary Gland: Pars Distal Ganglioneuroma	is or Unspec	ified Site:						
		0/50 (0%)	0/48 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/148 (0%)	Mean 0%	SD 0%	Total	0/149 (0%)	Mean 0%	SD 0%
Pituitary Gland: Pars Interm Adenoma	nedia:							
		0/50 (0%)	0/48 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/148 (0%)	Mean 0%	SD 0%	Total	0/149 (0%)	Mean 0%	SD 0%
Pituitary Gland: Pars Interm Carcinoma or Adenoma	nedia:							
		0/50 (0%)	0/48 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/148 (0%)	Mean 0%	SD 0%	Total	0/149 (0%)	Mean 0%	SD 0%
Pituitary Gland: Pars Nervo Craniopharyngioma	sa:							
		0/50 (0%)	0/48 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/148 (0%)	Mean 0%	SD 0%	Total	0/149 (0%)	Mean 0%	SD 0%
*Prostate: Adenoma								
		2/50 (4%)	0/50 (0%)	0/49 (0%)				
Overall Incidence	Total	2/149 (1.34%)	Mean 1.33%	SD 2.31%				
*Prostate: Carcinoma or Adenoma								
		2/50 (4%)	0/50 (0%)	0/49 (0%)				
Overall Incidence	Total	2/149 (1.34%)	Mean 1.33%	SD 2.31%				

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Se

Species: RATS Strain: F 344/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER Page: 263

			Male		Female			
Salivary Glands: Carcinoma								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Salivary Glands: Carcinoma or Adenoma								
verall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Salivary Glands: Sarcoma								
overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Salivary Glands: Schwannoma Malignant						(201)	0/50 (00)	2/52 (22)
verall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Seminal Vesicle: Adenoma			•••••			•••••		
verall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%				
Skeletal Muscle: Fibrous Histiocytoma		0/50 (00/)	0/50 (00/)	0/50 (00)		0/50 (00/)	0/50 (00/)	0/50 (00)
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Page: 264 Report Date: 03/20/2010

Species: RATS Strain: F 344/N Route: ORAL Vehicle: WATER

Length of Study: CHRONIC

			Male		Female 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/150 (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%) 0/150 (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%) 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%)			Female			
#Skeletal Muscle: Hemangiosarcoma											
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	` '	` ,	` ,			
				JD 0/0	10tai						
#Skeletal Muscle: Rhabdomyosarcoma											
		0/50 (0%)	0/50 (0%)	0/50 (0%)		` '	` ,	` ,			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%			
#Skeletal Muscle: Rhabdomyosarcoma or I	Rhabdomyoma	a 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	` '	` ,	` ,			
∕Skin: Basal Cell Adenoma											
Overall Incidence	Total	2/50 (4%) 4/150 (2.67%)	0/50 (0%) Mean 2.67%	2/50 (4%) SD 2.31%	Total	` ,	` ,	` '			
		` ,				` '					
∜Skin: Basal Cell Adenoma or B	Basosquamous	s Tumor Benign									
		2/50 (4%)	0/50 (0%)	2/50 (4%)		` ,	` '	` '			
Overall Incidence	Total	4/150 (2.67%)	Mean 2.67%	SD 2.31%	Total	0/150 (0%)	Mean 0%	SD 0%			
#Skin: Basal Cell Adenoma, Bas		Fumor Benign, or Trichoe	pithelioma								
O	T-1-1	2/50 (4%)	3/50 (6%)	2/50 (4%)	T-1-1	0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	7/150 (4.67%)	Mean 4.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%			

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: RATS

Strain: F 344/N

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: ORAL

Page: 265

Report Date: 03/20/2010

Vehicle: WATER

Length of Study: CHRONIC

			Male			Female				
Skin: Basal Cell Carcinoma										
		0/50 (0%)	0/50 (0%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	2/150 (1.33%)	Mean 1.33%	SD 2.31%	Total	0/150 (0%)	Mean 0%	SD 0%		
Skin:		us Tumor (malignant or N								
		0/50 (0%)	0/50 (0%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	2/150 (1.33%)	Mean 1.33%	SD 2.31%	Total	0/150 (0%)	Mean 0%	SD 0%		
#Skin: Basal Cell Carcinoma, NOS), or Trichoepithel		noma, Basosquamous Tur	, , ,							
		2/50 (4%)	3/50 (6%)	4/50 (8%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	9/150 (6%)	Mean 6%	SD 2%	Total	0/150 (0%)	Mean 0%	SD 0%		
		na, Basosq. Tumor (M or I eratoacanthoma, Trichoep	oithelioma	,						
	Total	5/50 (10%) 22/150 (14.67%)	6/50 (12%) Mean 14 67%	11/50 (22%) SD 6.43%	Total	1/50 (2%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	0/50 (0%) SD 1.15%		
	Total	5/50 (10%) 22/150 (14.67%)	Mean 14.67%	11/50 (22%) SD 6.43%	Total	1/50 (2%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	0/50 (0%) SD 1.15%		
Overall Incidence	Total	22/150 (14.67%)	Mean 14.67%	SD 6.43%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%		
Overall Incidence #Skin: Fibroma		22/150 (14.67%) 8/50 (16%)	Mean 14.67% 7/50 (14%)	SD 6.43% 8/50 (16%)		1/150 (0.67%) 1/50 (2%)	Mean 0.67%	SD 1.15% 0/50 (0%)		
Overall Incidence #Skin: Fibroma Overall Incidence	Total	22/150 (14.67%)	Mean 14.67% 7/50 (14%) Mean 15.33%	SD 6.43% 8/50 (16%) SD 1.15%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%		
Overall Incidence #Skin: Fibroma Overall Incidence #Skin:	Total	22/150 (14.67%) 8/50 (16%) 23/150 (15.33%) xoma, Myxosarcoma, or F	Mean 14.67% 7/50 (14%) Mean 15.33% ibrous Histiocytoma	SD 6.43% 8/50 (16%) SD 1.15%	Total	1/150 (0.67%) 1/50 (2%) 2/150 (1.33%)	Mean 0.67% 1/50 (2%) Mean 1.33%	SD 1.15% 0/50 (0%) SD 1.15%		
Overall Incidence #Skin: Fibroma Overall Incidence #Skin:	Total	22/150 (14.67%) 8/50 (16%) 23/150 (15.33%)	Mean 14.67% 7/50 (14%) Mean 15.33%	SD 6.43% 8/50 (16%) SD 1.15%	Total	1/150 (0.67%) 1/50 (2%)	Mean 0.67%	SD 1.15% 0/50 (0%)		

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: RATS

Strain: F 344/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 266

Report Date: 03/20/2010

Route: ORAL Vehicle: WATER

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** #Skin: **Fibrosarcoma** 1/50 (2%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)**Overall Incidence** Total 2/150 (1.33%) Mean 1.33% SD 1.15% 1/150 (0.67%) Mean 0.67% SD 1.15% Total #Skin: Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma (6%)1/50 (2%)1/50 (2%)0/50 (0%)0/50 (0%)1/50 (2%)**Overall Incidence** 5/150 (3.33%) Mean 3.33% SD 2.31% 1/150 (0.67%) Mean 0.67% SD 1.15% Total Total #Skin: **Fibrous Histiocytoma** 0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total Mean 0.67% SD 1.15% 0/150 (0%) Mean 0% SD 0% 1/150 (0.67%) Total #Skin: Hemangioma 1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 1/150 (0.67%) Mean 0.67% SD 1.15% Total 0/150 (0%) Mean 0% SD 0% #Skin: Hemangiosarcoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%) 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/150 (0%) Mean 0% SD 0% Total 0/150 (0%) Mean 0% SD 0% #Skin: Keratoacanthoma 2/50 (4%)1/50 (2%)6/50 (12%) 1/50 (2%)0/50 (0%)0/50 (0%)**Overall Incidence** Total SD 5.29% Mean 0.67% SD 1.15% 9/150 (6%) Mean 6% Total 1/150 (0.67%)

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: RATS

Strain: F 344/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Page: 267

			Male		Total 0/150 (0%) Mean 0% SD 0% 0/50 (0%) 0/50 (0%) 0/50 (0%) Total 0/150 (0%) Mean 0% SD 0% 0/50 (0%) 0/50 (0%) 0/50 (0%) Total 0/150 (0%) Mean 0% SD 0% Total 0/150 (0%) 0/50 (0%) 0/50 (0%) Total 0/150 (0%) Mean 0% SD 0%			Female				
#Skin: Lipoma												
		0/50 (0%)	0/50 (0%)	1/50 (2%)		` '	` ,	(,				
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%		(,	Mean 0%	SD 0%				
#Skin: Liposarcoma												
		0/50 (0%)	1/50 (2%)	0/50 (0%)		` '	` '	(,				
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%				
#Skin: Neural Crest Tumor		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	` '	` '	` '				
#Skin: Neural Crest Tumor, Mal		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	` '	` '	, ,				
#Skin: Neurofibroma or Schwar												
Occupation of James	T-1-1	0/50 (0%)	0/50 (0%)	0/50 (0%)	T. (-1	` '	` '	, ,				
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%				
#Skin: Neurofibrosarcoma or S	chwannoma (n	•										
Overell Incidence	Tatal	0/50 (0%)	0/50 (0%)	0/50 (0%)	Tatal	0/50 (0%)	0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%				

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: RATS

Strain: F 344/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER

Length of Study: CHRONIC

Contract/Lab: All Laboratories

lale Female

Page: 268

		Male					Female	
#Skin: Neurofibrosarcoma, Neurof	fibroma, or	Schwannoma (benign, ma	alignant or NOS)					
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Skin: Sarcoma							(20)	(20)
Overall Incidence	Total	2/50 (4%) 2/150 (1.33%)	0/50 (0%) Mean 1.33%	0/50 (0%) SD 2.31%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Skin: Schwannoma Benign								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Skin: Schwannoma Malignant								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Skin: Squamous Cell Carcinoma								
Overall Incidence	Total	1/50 (2%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	0/50 (0%) SD 1.15%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Skin: Squamous Cell Carcinoma, or Carcinoma		Carcinoma, Basosquamo						
Overall Incidence	Total	1/50 (2%) 3/150 (2%)	0/50 (0%) Mean 2%	2/50 (4%) SD 2%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Strain: F 344/N

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: RATS

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER Page: 269

			Male				Female	
#Skin: Squamous Cell Papillom Overall Incidence	a a Total	1/50 (2%) 5/150 (3.33%)	3/50 (6%) Mean 3.33%	1/50 (2%) SD 2.31%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
						0/130 (0/6)	ivicali 070	
#Skin: Squamous Cell Papillom	a or Papilloma							
Overall Incidence	Total	1/50 (2%) 5/150 (3.33%)	3/50 (6%) Mean 3.33%	1/50 (2%) SD 2.31%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Skin: Squamous Cell Papillom Overall Incidence		Squamous Cell Carcinom 4/50 (8%) 15/150 (10%)	a or Keratoacanthom 4/50 (8%) Mean 10%	a 7/50 (14%) SD 3.46%	Total	1/50 (2%)	0/50 (0%) Mean 0.67%	0/50 (0%) SD 1.15%
Overali incidence	Total	15/150 (10%)	Mean 10%	3D 3.40%	Total	1/150 (0.67%)	iviean 0.67%	1.15%
#Skin: Squamous Cell Papillom	a, Papilloma, d	or Keratoacanthoma 3/50 (6%)	4/50 (8%)	7/50 (14%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	14/150 (9.33%)	Mean 9.33%	SD 4.16%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
#Skin: Trichoepithelioma		0/50 (0%)	3/50 (6%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/50 (0%) 3/150 (2%)	3/50 (6%) Mean 2%	0/50 (0%) SD 3.46%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Skin: Sebaceous Gland: Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ORAL Vehicle: WATER Page: 270

			Male			0/50 (0%) 0/50 (0%) 0/50 (0%) I 0/150 (0%) Mean 0% SD 0% 0/50 (0%) 0/50 (0%) 0/50 (0%) I 0/150 (0%) Mean 0% SD 0% 0/50 (0%) 0/50 (0%) 0/50 (0%) I 0/150 (0%) Mean 0% SD 0% 0/50 (0%) 0/50 (0%) SD 0% 0/50 (0%) Mean 0% SD 0%		
#Skin: Sebaceous Gland: Carcinoma or Adenoma								
O	Total	0/50 (0%)	0/50 (0%)	0/50 (0%)	Tatal	, ,	` '	` '
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
Spinal Cord: Astrocytoma Benign								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		` '	` ,	` ,
verall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
Spinal Cord: Astrocytoma Malignant								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		, ,	` ,	` ,
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
Spinal Cord: Glioma Malignant								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		, ,	` '	` '
verall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
Spleen: Fibrosarcoma								
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
verall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
Spleen: Fibrous Histiocytoma		0/50 (0%)	0/50 (00/)	0/40 (00/)		0/50 (0%)	0/50 (00/)	0/50 (0%)
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/50 (0%) Mean 0%	0/49 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
verali incluence	TOTAL	0/149 (0%)	IVICALI U%	JU U%	Total	0/100 (0%)	iviean 0%	۵D 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Page: 271 Report Date: 03/20/2010

Species: RATS Strain: F 344/N

Route: ORAL Vehicle: WATER

Length of Study: CHRONIC

Male **Female** *Spleen: Hemangiosarcoma 0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/149 (0%) Mean 0% SD 0% Total 0/150 (0%) Mean 0% SD 0% *Spleen: Leiomyosarcoma 0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/149 (0%) Mean 0% SD 0% Total 0/150 (0%) Mean 0% SD 0% *Spleen: Sarcoma 0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/149 (0%) Mean 0% SD 0% Total 0/150 (0%) Mean 0% SD 0% #Stomach, Forestomach: Leiomyosarcoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/150 (0%) Mean 0% SD 0% Total 0/150 (0%) Mean 0% SD 0% #Stomach, Forestomach: **Squamous Cell Carcinoma** 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/150 (0%) Mean 0% SD 0% Total 0/150 (0%) Mean 0% SD 0% #Stomach, Forestomach: Squamous Cell Carcinoma or Papilloma Squamous 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/150 (0%) Mean 0% SD 0% 0/150 (0%) Mean 0% SD 0% Total

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: RATS
Strain: F 344/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER Page: 272

			Male		Total 0/150 (0%) Mean 0% SD 0% 0/50 (0%) 0/50 (0%) 0/50 (09) Total 0/150 (0%) Mean 0% SD 0% 0/50 (0%) 0/50 (0%) 0/50 (0%) Total 0/150 (0%) Mean 0% SD 0%			
#Stomach, Forestomach: Squamous Cell Papilloma								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	` ,	` ,	` '
≮Stomach, Glandular: Carcinoma								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	` ,	` ,	` '
Stomach, Glandular: Carcinoma or Adenoma		0/50 (00/)	0/50 (00/)	0/50 (00/)		0/50 (00/)	0/50 (00)	0/50 (00/)
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	` ,	` ,	` '
Stomach, Glandular: Lipoma								
Overall Incidence	Total	1/50 (2%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	0/50 (0%) SD 1.15%	Total	` ,	` ,	` '
Stomach, Glandular:						•••••		•••••
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Testes: Adenoma		49/50 (069/)	46/50 (000/)	40/50 (099/)				
Overall Incidence	Total	48/50 (96%) 143/150 (95.33%)	46/50 (92%) Mean 95.33%	49/50 (98%) SD 3.06%				

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: RATS Strain: F 344/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER Page: 273

			Male		Total 0/148 (0%) Mean 0% SD 0% 0/50 (0%) 0/50 (0%) 0/48 (0 Total 0/148 (0%) Mean 0% SD 0% 0/50 (0%) 0/50 (0%) 0/48 (0 Total 0/148 (0%) Mean 0% SD 0%			
*Testes: Hemangioma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%				
*Thymus: Thymoma Benign								
		0/48 (0%)	0/49 (0%)	0/43 (0%)		` ,	0/50 (0%)	0/48 (0%)
Overall Incidence	Total	0/140 (0%)	Mean 0%	SD 0%				SD 0%
*Thymus: Thymoma Malignant								
		0/48 (0%)	0/49 (0%)	0/43 (0%)		0/50 (0%)	0/50 (0%)	0/48 (0%)
Overall Incidence	Total	0/140 (0%)	Mean 0%	SD 0%		` '		
Thymus: Thymoma NOS								
		0/48 (0%)	0/49 (0%)	0/43 (0%)		` '	0/50 (0%)	` ,
Overall Incidence	Total	0/140 (0%)	Mean 0%	SD 0%		0/148 (0%)	Mean 0%	SD 0%
Thymus: Thymoma: Benign, Malig								
		0/48 (0%)	0/49 (0%)	0/43 (0%)		0/50 (0%)	0/50 (0%)	0/48 (0%)
Overall Incidence	Total	0/140 (0%)	Mean 0%	SD 0%	Total	0/148 (0%)	Mean 0%	SD 0%
Thyroid Gland: C-Cell: Adenoma								
		5/50 (10%)	3/50 (6%)	10/49 (20%)		8/50 (16%)	6/49 (12%)	6/46 (13%)
Overall Incidence	Total	18/149 (12.08%)	Mean 12.14%	SD 7.44%	Total	20/145 (13.79%)	Mean 13.76%	SD 1.98%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: RATS

Strain: F 344/N

Toxicology Data Management System

Page: 274

Report Date: 03/20/2010

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER

Length of Study: CHRONIC

			Male		Female			
*Thyroid Gland: C-Cell: Carcinoma								
	.	1/50 (2%)	1/50 (2%)	1/49 (2%)	+	2/50 (4%)	1/49 (2%)	0/46 (0%)
Overall Incidence	Total	3/149 (2.01%)	Mean 2.01%	SD 0.02%	Total	3/145 (2.07%)	Mean 2.01%	SD 2%
*Thyroid Gland: C-Cell: Carcinoma or Adenoma								
		6/50 (12%)	4/50 (8%)	11/49 (22%)		10/50 (20%)	7/49 (14%)	6/46 (13%)
Overall Incidence	Total	21/149 (14.09%)	Mean 14.15%	SD 7.46%	Total	23/145 (15.86%)	Mean 15.78%	SD 3.71%
*Thyroid Gland: Follicular Cell Adenoma	:							
		0/50 (0%)	2/50 (4%)	0/49 (0%)		0/50 (0%)	0/49 (0%)	1/46 (2%)
Overall Incidence	Total	2/149 (1.34%)	Mean 1.33%	SD 2.31%	Total	1/145 (0.69%)	Mean 0.72%	SD 1.26%
*Thyroid Gland: Follicular Cell Carcinoma	:							
		0/50 (0%)	1/50 (2%)	0/49 (0%)		0/50 (0%)	0/49 (0%)	0/46 (0%)
Overall Incidence	Total	1/149 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/145 (0%)	Mean 0%	SD 0%
*Thyroid Gland: Follicular Cell Carcinoma or Adenoma								
		0/50 (0%)	3/50 (6%)	0/49 (0%)		0/50 (0%)	0/49 (0%)	1/46 (2%)
Overall Incidence	Total	3/149 (2.01%)	Mean 2%	SD 3.46%	Total	1/145 (0.69%)	Mean 0.72%	SD 1.26%
#Tissue NOS: Lipoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: RATS Strain: F 344/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER Page: 275

			Male				Female	
#Tissue NOS: Paraganglioma								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
		0/130 (0/0)						
Tongue: Squamous Cell Carcinoma								
Normall Implication	Tatal	0/50 (0%)	0/50 (0%)	0/50 (0%)	Tatal	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
Tongue: Squamous Cell Carcinoma	or Papillom	a Squamous						
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%
Tongue: Squamous Cell Papilloma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%
Tooth: Adamantinoma Malignant								
-		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
Tooth: Odontoma					•••••			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: RATS

Strain: F 344/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 276

Report Date: 03/20/2010

Route: ORAL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: WATER

			Male			Female			
Urinary Bladder: Carcinoma or Papilloma									
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/49 (0%) 0/149 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
Jrinary Bladder: Hemangiosarcoma									
verall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/49 (0%) 0/149 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
Jrinary Bladder: Leiomyosarcoma		(45.3)	(00)					(00)	
verall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/49 (0%) 0/149 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
rinary Bladder: Papilloma									
verall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/49 (0%) 0/149 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
lterus: Adenoma									
verall Incidence					Total	1/50 (2%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	0/50 (0%) SD 1.15%	
Jterus: Carcinoma									
verall Incidence					Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: RATS

Strain: F 344/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Page: 277 Report Date: 03/20/2010

	Male		Female	
#Uterus: Deciduoma Benign				
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Uterus: Hemangioma				
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Uterus: Hemangiosarcoma				
Overall Incidence	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%
#Uterus: Leiomyosarcoma				
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Uterus: Polyp Stromal				
Overall Incidence	Total	10/50 (20%) 32/150 (21.33%)	9/50 (18%) Mean 21.33%	13/50 (26%) SD 4.16%
#Uterus: Sarcoma				
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: RATS

Strain: F 344/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Report Date: 03/20/2010

Page: 278

			Male				Female	
#Uterus: Sarcoma Stromal							2/22 (22)	2/22 (221)
Overall Incidence					Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Uterus: Sarcoma Stromal or Poly	p Stromal							
Overall Incidence					Total	10/50 (20%) 32/150 (21.33%)	9/50 (18%) Mean 21.33%	13/50 (26%) SD 4.16%
#Uterus: Schwannoma Malignant								
Overall Incidence					Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%
ŧVagina: Polyp								
Overall Incidence					Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
∜Vagina: Sarcoma					•••••			
Overall Incidence					Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Zymbal's Gland: Adenoma					•••••			
	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Route: ORAL

Vehicle: WATER

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Page: 279

Report Date: 03/20/2010

Species: RATS Strain: F 344/N

Length of Study: CHRONIC

			Male		Female			
#Zymbal's Gland: Carcinoma								
		0/50 (0%)	1/50 (2%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
#Zymbal's Gland: Carcinoma or Adenoma								
		0/50 (0%)	1/50 (2%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied