

Version: 02/27/05
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: SPRAGUE-DAWLEY
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: CORN OIL

Page: 1
 Date of
 Input File: 24-FEB-2005

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							
BATTELLE COLUMBUS	059602001	09/16/98	9999	0(1)	0 (0)	N/A	TEF EVALUATION (BINARY MIX PCB 126/PCB153)
BATTELLE COLUMBUS	059600704	06/16/98	9999	0(1)	0 (0)	N/A	TEF EVALUATION (DIOXIN MIXTURE)
BATTELLE COLUMBUS	059602202	10/14/99	9999	0(1)	0 (0)	N/A	TEF EVALUATION (PCB MIX PCB 126/PCB 118)
BATTELLE COLUMBUS	059600701	02/26/98	9999	0(1)	0 (0)	N/A	TEF EVALUATION (PCB-126)
BATTELLE COLUMBUS	059600703	06/01/98	9999	0(1)	0 (0)	N/A	TEF EVALUATION (TCDD)
BATTELLE COLUMBUS	059600705	04/07/99	9999	0(1)	0 (0)	N/A	TEF EVALUATION (PECDF)
BATTELLE COLUMBUS	059602101	08/24/98	9999	0(1)	0 (0)	N/A	TOXIC EQUIVALENCY FACTOR EVAL (PCB 153)
FEMALE							
BATTELLE COLUMBUS	059602001	09/16/98	729	53(5)	22 (629)	403.6	TEF EVALUATION (BINARY MIX PCB 126/PCB 153)
BATTELLE COLUMBUS	059600704	06/16/98	729	53(5)	16 (616)	381.2	TEF EVALUATION (DIOXIN MIXTURE)
BATTELLE COLUMBUS	059602202	10/14/99	726	53(5)	27 (656)	386.5	TEF EVALUATION (PCB MIX PCB 126/PCB 118)
BATTELLE COLUMBUS	059600701	02/26/98	727	53(5)	15 (567)	397.1	TEF EVALUATION (PCB-126)
BATTELLE COLUMBUS	059600703	06/01/98	731	53(5)	25 (637)	382.6	TEF EVALUATION (TCDD)
BATTELLE COLUMBUS	059600705	04/07/99	728	53(5)	25 (655)	365.7	TEF EVALUATION (PECDF)
BATTELLE COLUMBUS	059602101	08/24/98	731	53(5)	24 (641)	394.5	TOXIC EQUIVALENCY FACTOR EVAL (PCB 153)

This page intentionally left blank

Version: 02/27/05
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: SPRAGUE-DAWLEY
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: CORN OIL

Page: 3
 Date of
 Input File: 24-FEB-2005

Incidence Data for Vehicle Control Groups

	Male			Female		
#All Organs:						
Benign Tumors	0/0 (0%)	0/0 (0%)	0/0 (0%)	49/53 (92%)	45/53 (85%)	53/53 (100%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	45/53 (85%)	45/53 (85%)	45/53 (85%)
	0/0 (0%)			50/53 (94%)		
Overall Incidence				Total 332/371 (89.49%)	Mean 89.49%	SD 6.15%
#All Organs:						
Malignant Tumors	0/0 (0%)	0/0 (0%)	0/0 (0%)	14/53 (26%)	18/53 (34%)	16/53 (30%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	13/53 (25%)	13/53 (25%)	12/53 (23%)
	0/0 (0%)			12/53 (23%)		
Overall Incidence				Total 98/371 (26.42%)	Mean 26.42%	SD 4.22%
#All Organs:						
Malignant and Benign Tumors	0/0 (0%)	0/0 (0%)	0/0 (0%)	51/53 (96%)	51/53 (96%)	53/53 (100%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	49/53 (92%)	47/53 (89%)	48/53 (91%)
	0/0 (0%)			52/53 (98%)		
Overall Incidence				Total 351/371 (94.61%)	Mean 94.61%	SD 4.14%
#All Organs:						
Hemangioma	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#All Organs:						
Hemangiosarcoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/53 (4%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			1/53 (2%)		
Overall Incidence				Total 3/371 (0.81%)	Mean 0.81%	SD 1.48%
#All Organs:						
Hemangiosarcoma or Hemangioma	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/53 (4%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			1/53 (2%)		
Overall Incidence				Total 4/371 (1.08%)	Mean 1.08%	SD 1.48%
#All Organs:						
Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	1/53 (2%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	1/53 (2%)
	0/0 (0%)			1/53 (2%)		
Overall Incidence				Total 3/371 (0.81%)	Mean 0.81%	SD 1.01%
#All Organs:						
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	2/53 (4%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			2/53 (4%)		
Overall Incidence				Total 4/371 (1.08%)	Mean 1.08%	SD 1.84%

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

Version: 02/27/05
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: SPRAGUE-DAWLEY
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: CORN OIL

Page: 4
 Date of
 Input File: 24-FEB-2005

Incidence Data for Vehicle Control Groups

	Male			Female		
#All Organs:						
Osteosarcoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#All Organs:						
Osteosarcoma or Osteoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
*Adrenal Cortex:						
Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/52 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/52 (0%)	1/53 (2%)	1/53 (2%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 2/369 (0.54%)	Mean 0.54%	SD 0.92%
*Adrenal Cortex:						
Carcinoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/52 (0%)	1/53 (2%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/52 (0%)	0/53 (0%)	1/53 (2%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 2/369 (0.54%)	Mean 0.54%	SD 0.92%
*Adrenal Medulla:						
Pheochromocytoma Benign	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/52 (6%)	5/52 (10%)	3/53 (6%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	8/52 (15%)	3/53 (6%)	4/53 (8%)
	0/0 (0%)			2/53 (4%)		
Overall Incidence				Total 28/368 (7.61%)	Mean 7.63%	SD 3.88%
*Adrenal Medulla:						
Pheochromocytoma Complex	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/52 (0%)	0/52 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/52 (0%)	0/53 (0%)	1/53 (2%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/368 (0.27%)	Mean 0.27%	SD 0.71%
*Adrenal Medulla:						
Pheochromocytoma Malignant	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/52 (0%)	0/52 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/52 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			1/53 (2%)		
Overall Incidence				Total 1/368 (0.27%)	Mean 0.27%	SD 0.71%
*Adrenal Medulla:						
Pheochromocytoma: Benign, Complex, Malignant, NOS	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/52 (6%)	5/52 (10%)	3/53 (6%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	8/52 (15%)	3/53 (6%)	5/53 (9%)
	0/0 (0%)			3/53 (6%)		
Overall Incidence				Total 30/368 (8.15%)	Mean 8.17%	SD 3.66%

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

Version: 02/27/05
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: SPRAGUE-DAWLEY
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: CORN OIL

Page: 5
 Date of
 Input File: 24-FEB-2005

Incidence Data for Vehicle Control Groups

	Male			Female		
*Bone Marrow:						
Lipoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
				1/53 (2%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Bone:						
Osteosarcoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/53 (0%)	0/53 (0%)
				0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Bone:						
Osteosarcoma or Osteoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/53 (0%)	0/53 (0%)
				0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
*Brain:						
Astrocytoma Malignant	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/53 (4%)	0/53 (0%)	0/53 (0%)
				0/53 (0%)		
Overall Incidence				Total 2/371 (0.54%)	Mean 0.54%	SD 1.43%
*Brain:						
Medulloblastoma Mal	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	1/53 (2%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
				0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
*Brain:						
Oligodendroglioma Malignant	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/53 (0%)	0/53 (0%)
				0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
*Brain:						
Oligodendroglioma, Glioma, or Astrocytoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	3/53 (6%)	0/53 (0%)	0/53 (0%)
				0/53 (0%)		
Overall Incidence				Total 3/371 (0.81%)	Mean 0.81%	SD 2.14%
*Clitoral/Preputial Gland:						
Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/51 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/50 (0%)	0/50 (0%)	0/53 (0%)
				0/53 (0%)		
Overall Incidence				Total 1/363 (0.28%)	Mean 0.27%	SD 0.71%

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

Version: 02/27/05
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: SPRAGUE-DAWLEY
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: CORN OIL

Page: 6
 Date of
 Input File: 24-FEB-2005

Incidence Data for Vehicle Control Groups

	Male			Female		
*Clitoral/Preputial Gland:						
Carcinoma or Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/51 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/50 (0%)	0/50 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/363 (0.28%)	Mean 0.27%	SD 0.71%
#Ear:						
Neural Crest Tumor	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	1/53 (2%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
*Heart:						
Hemangiosarcoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/52 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			1/52 (2%)		
Overall Incidence				Total 1/369 (0.27%)	Mean 0.27%	SD 0.73%
*Heart:						
Schwannoma Malignant	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	2/53 (4%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/52 (0%)	0/53 (0%)	1/53 (2%)
	0/0 (0%)			0/52 (0%)		
Overall Incidence				Total 3/369 (0.81%)	Mean 0.81%	SD 1.48%
#Intestine Large: Cecum						
Leiomyoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			1/53 (2%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Intestine Large: Colon/Rectum						
Carcinoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	1/53 (2%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Intestine Large: Colon/Rectum						
Carcinoma or Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	1/53 (2%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Intestine Small: Jejunum						
Leiomyosarcoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	1/53 (2%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 2/371 (0.54%)	Mean 0.54%	SD 0.92%

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

Version: 02/27/05
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: SPRAGUE-DAWLEY
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: CORN OIL

Page: 7
 Date of
 Input File: 24-FEB-2005

Incidence Data for Vehicle Control Groups

	Male			Female		
#Intestine Small: Site Unspecified						
Leiomyosarcoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	1/53 (2%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 2/371 (0.54%)	Mean 0.54%	SD 0.92%
*Islets, Pancreatic:						
Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	1/52 (2%)	1/53 (2%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/52 (0%)	1/51 (2%)	0/53 (0%)
	0/0 (0%)			1/53 (2%)		
Overall Incidence				Total 5/367 (1.36%)	Mean 1.36%	SD 0.93%
*Islets, Pancreatic:						
Carcinoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	1/52 (2%)	1/53 (2%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/52 (0%)	1/51 (2%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 3/367 (0.82%)	Mean 0.82%	SD 1.03%
*Islets, Pancreatic:						
Carcinoma or Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	2/52 (4%)	2/53 (4%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/52 (0%)	2/51 (4%)	0/53 (0%)
	0/0 (0%)			1/53 (2%)		
Overall Incidence				Total 8/367 (2.18%)	Mean 2.19%	SD 1.73%
*Kidney: Renal Tubule						
Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/52 (0%)	1/53 (2%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 2/370 (0.54%)	Mean 0.54%	SD 0.92%
*Kidney: Renal Tubule						
Carcinoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	1/52 (2%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/370 (0.27%)	Mean 0.27%	SD 0.73%
*Kidney: Renal Tubule						
Carcinoma or Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	1/52 (2%)	1/53 (2%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 3/370 (0.81%)	Mean 0.81%	SD 1.02%
*Kidney: Renal Tubule						
Hemangiosarcoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/52 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/370 (0.27%)	Mean 0.27%	SD 0.71%

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

Version: 02/27/05
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: SPRAGUE-DAWLEY
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: CORN OIL

Page: 8
 Date of
 Input File: 24-FEB-2005

Incidence Data for Vehicle Control Groups

	Male			Female		
*Kidney: Renal Tubule Lipoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/52 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	1/53 (2%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/370 (0.27%)	Mean 0.27%	SD 0.71%
*Kidney: Renal Tubule Nephroblastoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	1/52 (2%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 2/370 (0.54%)	Mean 0.54%	SD 0.93%
*Liver: Hemangioma	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
*Liver: Hepatocellular Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	2/53 (4%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/53 (0%)	1/53 (2%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 4/371 (1.08%)	Mean 1.08%	SD 1.48%
*Liver: Hepatocellular Carcinoma or Hepatocellular Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	2/53 (4%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/53 (0%)	1/53 (2%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 4/371 (1.08%)	Mean 1.08%	SD 1.48%
*Liver: Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	2/53 (4%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/53 (0%)	1/53 (2%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 4/371 (1.08%)	Mean 1.08%	SD 1.48%
*Lung: Alveolar/Bronchiolar Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			1/52 (2%)		
Overall Incidence				Total 2/370 (0.54%)	Mean 0.54%	SD 0.93%
*Lung: Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			1/52 (2%)		
Overall Incidence				Total 2/370 (0.54%)	Mean 0.54%	SD 0.93%

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

Version: 02/27/05
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: SPRAGUE-DAWLEY
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: CORN OIL

Page: 9
 Date of
 Input File: 24-FEB-2005

Incidence Data for Vehicle Control Groups

	Male			Female		
#Lymph Node, Mesenteric:						
Hemangiosarcoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Mammary Gland:						
Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/53 (4%)	0/53 (0%)	2/53 (4%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/53 (4%)	2/53 (4%)	1/53 (2%)
	0/0 (0%)			2/53 (4%)		
Overall Incidence				Total 11/371 (2.96%)	Mean 2.96%	SD 1.48%
#Mammary Gland:						
Carcinoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	8/53 (15%)	6/53 (11%)	5/53 (9%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	6/53 (11%)	4/53 (8%)	5/53 (9%)
	0/0 (0%)			8/53 (15%)		
Overall Incidence				Total 42/371 (11.32%)	Mean 11.32%	SD 2.88%
#Mammary Gland:						
Carcinoma or Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	10/53 (19%)	6/53 (11%)	6/53 (11%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	7/53 (13%)	6/53 (11%)	6/53 (11%)
	0/0 (0%)			9/53 (17%)		
Overall Incidence				Total 50/371 (13.48%)	Mean 13.48%	SD 3.16%
#Mammary Gland:						
Fibroadenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	40/53 (75%)	34/53 (64%)	42/53 (79%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	39/53 (74%)	33/53 (62%)	34/53 (64%)
	0/0 (0%)			41/53 (77%)		
Overall Incidence				Total 263/371 (70.89%)	Mean 70.89%	SD 7.13%
#Mammary Gland:						
Fibroma, Fibroadenoma or Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	40/53 (75%)	34/53 (64%)	42/53 (79%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	40/53 (75%)	35/53 (66%)	35/53 (66%)
	0/0 (0%)			41/53 (77%)		
Overall Incidence				Total 267/371 (71.97%)	Mean 71.97%	SD 6.3%
#Mammary Gland:						
Fibroma, Fibroadenoma, Carcinoma, or Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	42/53 (79%)	37/53 (70%)	42/53 (79%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	42/53 (79%)	35/53 (66%)	38/53 (72%)
	0/0 (0%)			43/53 (81%)		
Overall Incidence				Total 279/371 (75.2%)	Mean 75.2%	SD 5.91%
#Mesentery:						
Schwannoma Malignant	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	1/53 (2%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%

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

Version: 02/27/05
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: SPRAGUE-DAWLEY
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: CORN OIL

Page: 10

Date of
 Input File: 24-FEB-2005

Incidence Data for Vehicle Control Groups

	Male			Female		
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Squamous Cell Carcinoma	0/0 (0%) 0/0 (0%) 0/0 (0%)	0/0 (0%) 0/0 (0%) 0/0 (0%)	0/0 (0%) 0/0 (0%) 0/0 (0%)	0/53 (0%) 0/53 (0%) 0/53 (0%)	1/53 (2%) 1/53 (2%) 1/53 (2%)	1/53 (2%) 1/53 (2%) 1/53 (2%)
Overall Incidence				Total 4/371 (1.08%)	Mean 1.08%	SD 1.01%
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma	0/0 (0%) 0/0 (0%) 0/0 (0%)	0/0 (0%) 0/0 (0%) 0/0 (0%)	0/0 (0%) 0/0 (0%) 0/0 (0%)	0/53 (0%) 0/53 (0%) 0/53 (0%)	1/53 (2%) 1/53 (2%) 1/53 (2%)	1/53 (2%) 1/53 (2%) 1/53 (2%)
Overall Incidence				Total 4/371 (1.08%)	Mean 1.08%	SD 1.01%
#Oral Mucosa: Squamous Cell Carcinoma	0/0 (0%) 0/0 (0%) 0/0 (0%)	0/0 (0%) 0/0 (0%) 0/0 (0%)	0/0 (0%) 0/0 (0%) 0/0 (0%)	0/53 (0%) 0/53 (0%) 0/53 (0%)	1/53 (2%) 1/53 (2%) 1/53 (2%)	1/53 (2%) 1/53 (2%) 1/53 (2%)
Overall Incidence				Total 4/371 (1.08%)	Mean 1.08%	SD 1.01%
*Ovary: Cystadenoma				0/53 (0%) 0/52 (0%) 1/53 (2%)	0/52 (0%) 0/51 (0%)	0/53 (0%) 0/53 (0%)
Overall Incidence				Total 1/367 (0.27%)	Mean 0.27%	SD 0.71%
*Ovary: Granulosa Cell Tumor Malignant				1/53 (2%) 0/52 (0%) 0/53 (0%)	0/52 (0%) 0/51 (0%)	1/53 (2%) 0/53 (0%)
Overall Incidence				Total 2/367 (0.54%)	Mean 0.54%	SD 0.92%
*Ovary: Granulosa Cell Tumor: Benign, Malignant, NOS				1/53 (2%) 0/52 (0%) 0/53 (0%)	0/52 (0%) 0/51 (0%)	1/53 (2%) 0/53 (0%)
Overall Incidence				Total 2/367 (0.54%)	Mean 0.54%	SD 0.92%
*Ovary: Luteoma				0/53 (0%) 0/52 (0%) 0/53 (0%)	0/52 (0%) 0/51 (0%)	1/53 (2%) 1/53 (2%)
Overall Incidence				Total 2/367 (0.54%)	Mean 0.54%	SD 0.92%
*Pancreas: Adenoma	0/0 (0%) 0/0 (0%) 0/0 (0%)	0/0 (0%) 0/0 (0%) 0/0 (0%)	0/0 (0%) 0/0 (0%) 0/0 (0%)	0/53 (0%) 1/51 (2%) 0/53 (0%)	0/52 (0%) 0/51 (0%)	0/53 (0%) 0/53 (0%)
Overall Incidence				Total 1/366 (0.27%)	Mean 0.28%	SD 0.74%

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

Version: 02/27/05
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: SPRAGUE-DAWLEY
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: CORN OIL

Date of
 Input File: 24-FEB-2005

Incidence Data for Vehicle Control Groups

	Male			Female		
*Pancreas:						
Carcinoma or Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/52 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/51 (2%)	0/51 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/366 (0.27%)	Mean 0.28%	SD 0.74%
*Parathyroid Gland:						
Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/45 (0%)	1/50 (2%)	0/50 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/47 (0%)	0/46 (0%)	0/49 (0%)
	0/0 (0%)			0/49 (0%)		
Overall Incidence				Total 1/336 (0.3%)	Mean 0.29%	SD 0.76%
*Pituitary Gland: Pars Distalis or						
Unspecified Site	0/0 (0%)	0/0 (0%)	0/0 (0%)	22/53 (42%)	28/53 (53%)	30/53 (57%)
Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	15/51 (29%)	25/53 (47%)	15/53 (28%)
	0/0 (0%)			18/53 (34%)		
Overall Incidence				Total 153/369 (41.46%)	Mean 41.4%	SD 11.3%
*Pituitary Gland: Pars Distalis or						
Unspecified Site	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/53 (0%)	0/53 (0%)
Carcinoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/51 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/369 (0.27%)	Mean 0.27%	SD 0.71%
*Pituitary Gland: Pars Distalis or						
Unspecified Site	0/0 (0%)	0/0 (0%)	0/0 (0%)	23/53 (43%)	28/53 (53%)	30/53 (57%)
Carcinoma or Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	15/51 (29%)	25/53 (47%)	15/53 (28%)
	0/0 (0%)			18/53 (34%)		
Overall Incidence				Total 154/369 (41.73%)	Mean 41.67%	SD 11.32%
*Pituitary Gland: Pars Intermedia						
Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	1/53 (2%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/51 (2%)	2/53 (4%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 4/369 (1.08%)	Mean 1.09%	SD 1.49%
*Pituitary Gland: Pars Intermedia						
Carcinoma or Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	1/53 (2%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/51 (2%)	2/53 (4%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 4/369 (1.08%)	Mean 1.09%	SD 1.49%
#Skeletal Muscle:						
Fibrous Histiocytoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%

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

Version: 02/27/05
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: SPRAGUE-DAWLEY
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: CORN OIL

Date of
 Input File: 24-FEB-2005

Incidence Data for Vehicle Control Groups

	Male			Female		
#Skin:						
Basal Cell Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	1/53 (2%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Skin:						
Basal Cell Adenoma or	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	1/53 (2%)
Basosquamous Tumor Benign	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Skin:						
Basal Cell Adenoma, Basosquamous	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	1/53 (2%)
Tumor Benign, or	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
Trichoepithelioma	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Skin:						
Basal Cell Carcinoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	1/53 (2%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Skin:						
Basal Cell Carcinoma or	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
Basosquamous Tumor (malignant or	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	1/53 (2%)	0/53 (0%)
NOS)	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Skin:						
Basal Cell Carcinoma, Basal Cell	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	1/53 (2%)
Adenoma, Basosquamous Tumor	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	1/53 (2%)	0/53 (0%)
(benign, malignant or NOS), or	0/0 (0%)			0/53 (0%)		
Trichoepithelioma						
Overall Incidence				Total 2/371 (0.54%)	Mean 0.54%	SD 0.92%
#Skin:						
Basal or Sq. Cell Carcinoma,	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	2/53 (4%)
Carcinoma, Basosq. Tumor (M or	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	1/53 (2%)	0/53 (0%)
B), Basal Cell Adenoma, Adenoma,	0/0 (0%)			0/53 (0%)		
Papilloma, Sq Papilloma,						
Keratoacanthoma,						
Trichoepithelioma						
Overall Incidence				Total 4/371 (1.08%)	Mean 1.08%	SD 1.48%
#Skin:						
Keratoacanthoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: 02/27/05
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: SPRAGUE-DAWLEY
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: CORN OIL

Page: 13
 Date of
 Input File: 24-FEB-2005

Incidence Data for Vehicle Control Groups

	Male			Female		
#Skin:						
Squamous Cell Carcinoma, Basal	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
Cell Carcinoma, Basosquamous	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	1/53 (2%)	0/53 (0%)
Tumor (malignant or NOS), or	0/0 (0%)			0/53 (0%)		
Carcinoma						
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Skin:						
Squamous Cell Papilloma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	1/53 (2%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Skin:						
Squamous Cell Papilloma or	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	1/53 (2%)
Papilloma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Skin:						
Squamous Cell Papilloma,	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	1/53 (2%)
Papilloma, Squamous Cell	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/53 (0%)	0/53 (0%)
Carcinoma or Keratoacanthoma	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 2/371 (0.54%)	Mean 0.54%	SD 0.92%
#Skin:						
Squamous Cell Papilloma,	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	1/53 (2%)
Papilloma, or Keratoacanthoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 2/371 (0.54%)	Mean 0.54%	SD 0.92%
#Skin:						
Fibroma	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/53 (4%)	1/53 (2%)	1/53 (2%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	1/53 (2%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 6/371 (1.62%)	Mean 1.62%	SD 1.3%
#Skin:						
Fibroma, Fibrosarcoma, Sarcoma,	0/0 (0%)	0/0 (0%)	0/0 (0%)	2/53 (4%)	2/53 (4%)	1/53 (2%)
Myxoma, Myxosarcoma, or Fibrous	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	1/53 (2%)	0/53 (0%)
Histiocytoma	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 7/371 (1.89%)	Mean 1.89%	SD 1.54%
#Skin:						
Fibrosarcoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	1/53 (2%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: 02/27/05
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: SPRAGUE-DAWLEY
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: CORN OIL

Page: 14
 Date of
 Input File: 24-FEB-2005

Incidence Data for Vehicle Control Groups

	Male			Female		
#Skin:						
Fibrosarcoma, Sarcoma,	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	1/53 (2%)	0/53 (0%)
Myxosarcoma, or Fibrous	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
Histiocytoma	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Skin:						
Neurofibrosarcoma or Schwannoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
(malignant or NOS)	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	1/53 (2%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Skin:						
Neurofibrosarcoma, Neurofibroma,	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
or Schwannoma (benign, malignant	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	1/53 (2%)	0/53 (0%)
or NOS)	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Skin:						
Schwannoma Malignant	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	1/53 (2%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Stomach, Forestomach:						
Squamous Cell Carcinoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	1/53 (2%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	1/53 (2%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 2/371 (0.54%)	Mean 0.54%	SD 0.92%
#Stomach, Forestomach:						
Squamous Cell Carcinoma or	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	1/53 (2%)
Papilloma Squamous	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	1/53 (2%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 2/371 (0.54%)	Mean 0.54%	SD 0.92%
*Thymus:						
Thymoma Benign	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/52 (0%)	1/53 (2%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/50 (0%)	0/51 (0%)	0/53 (0%)
	0/0 (0%)			0/48 (0%)		
Overall Incidence				Total 1/360 (0.28%)	Mean 0.27%	SD 0.71%
*Thymus:						
Thymoma: Benign, Malignant, NOS	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/52 (0%)	1/53 (2%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/50 (0%)	0/51 (0%)	0/53 (0%)
	0/0 (0%)			0/48 (0%)		
Overall Incidence				Total 1/360 (0.28%)	Mean 0.27%	SD 0.71%

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

Version: 02/27/05
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: SPRAGUE-DAWLEY
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: CORN OIL

Date of
 Input File: 24-FEB-2005

Incidence Data for Vehicle Control Groups

	Male			Female		
*Thyroid Gland: C-Cell						
Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	10/53 (19%)	17/53 (32%)	9/53 (17%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	15/52 (29%)	20/52 (38%)	13/53 (25%)
	0/0 (0%)			16/51 (31%)		
Overall Incidence				Total 100/367 (27.25%)	Mean 27.3%	SD 7.66%
*Thyroid Gland: C-Cell						
Carcinoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	4/53 (8%)	2/53 (4%)	4/53 (8%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/52 (0%)	1/52 (2%)	2/53 (4%)
	0/0 (0%)			2/51 (4%)		
Overall Incidence				Total 15/367 (4.09%)	Mean 4.07%	SD 2.76%
*Thyroid Gland: C-Cell						
Carcinoma or Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	13/53 (25%)	18/53 (34%)	13/53 (25%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	15/52 (29%)	21/52 (40%)	15/53 (28%)
	0/0 (0%)			18/51 (35%)		
Overall Incidence				Total 113/367 (30.79%)	Mean 30.84%	SD 5.93%
*Thyroid Gland: Follicular Cell						
Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/52 (0%)	1/52 (2%)	0/53 (0%)
	0/0 (0%)			0/51 (0%)		
Overall Incidence				Total 1/367 (0.27%)	Mean 0.27%	SD 0.73%
*Thyroid Gland: Follicular Cell						
Carcinoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	1/53 (2%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/52 (0%)	0/52 (0%)	0/53 (0%)
	0/0 (0%)			0/51 (0%)		
Overall Incidence				Total 1/367 (0.27%)	Mean 0.27%	SD 0.71%
*Thyroid Gland: Follicular Cell						
Carcinoma or Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	1/53 (2%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/52 (0%)	1/52 (2%)	0/53 (0%)
	0/0 (0%)			0/51 (0%)		
Overall Incidence				Total 2/367 (0.54%)	Mean 0.54%	SD 0.93%
#Tooth:						
Fibrosarcoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	1/53 (2%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Tooth:						
Neurofibrosarcoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)			1/53 (2%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%

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

Version: 02/27/05
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: SPRAGUE-DAWLEY
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: CORN OIL

Date of
 Input File: 24-FEB-2005

Incidence Data for Vehicle Control Groups

	Male			Female		
*Urinary Bladder:						
Carcinoma or Papilloma	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/52 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/51 (0%)	0/52 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/367 (0.27%)	Mean 0.27%	SD 0.71%
*Urinary Bladder:						
Papilloma	0/0 (0%)	0/0 (0%)	0/0 (0%)	1/53 (2%)	0/52 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/51 (0%)	0/52 (0%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/367 (0.27%)	Mean 0.27%	SD 0.71%
#Uterus:						
Adenoma				0/53 (0%)	0/53 (0%)	0/53 (0%)
				0/53 (0%)	0/53 (0%)	2/53 (4%)
				0/53 (0%)		
Overall Incidence				Total 2/371 (0.54%)	Mean 0.54%	SD 1.43%
#Uterus:						
Carcinoma				0/53 (0%)	1/53 (2%)	1/53 (2%)
				0/53 (0%)	0/53 (0%)	1/53 (2%)
				0/53 (0%)		
Overall Incidence				Total 3/371 (0.81%)	Mean 0.81%	SD 1.01%
#Uterus:						
Fibroma				0/53 (0%)	0/53 (0%)	0/53 (0%)
				0/53 (0%)	0/53 (0%)	1/53 (2%)
				0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Uterus:						
Leiomyoma				0/53 (0%)	0/53 (0%)	0/53 (0%)
				0/53 (0%)	1/53 (2%)	0/53 (0%)
				0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Uterus:						
Leiomyosarcoma				0/53 (0%)	1/53 (2%)	0/53 (0%)
				0/53 (0%)	0/53 (0%)	0/53 (0%)
				0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Uterus:						
Polyp Stromal				8/53 (15%)	4/53 (8%)	11/53 (21%)
				4/53 (8%)	11/53 (21%)	9/53 (17%)
				7/53 (13%)		
Overall Incidence				Total 54/371 (14.56%)	Mean 14.56%	SD 5.52%

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

Version: 02/27/05
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: SPRAGUE-DAWLEY
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: CORN OIL

Page: 17

Date of
 Input File: 24-FEB-2005

Incidence Data for Vehicle Control Groups

	Male	Female	
#Uterus:			
Sarcoma Stromal or Polyp Stromal		8/53 (15%)	4/53 (8%)
		4/53 (8%)	11/53 (21%)
		7/53 (13%)	9/53 (17%)
Overall Incidence	Total 54/371 (14.56%)	Mean 14.56%	SD 5.52%
#Uterus:			
Schwannoma Malignant		0/53 (0%)	1/53 (2%)
		0/53 (0%)	1/53 (2%)
		0/53 (0%)	0/53 (0%)
Overall Incidence	Total 3/371 (0.81%)	Mean 0.81%	SD 1.01%
#Uterus:			
Squamous Cell Carcinoma		1/53 (2%)	0/53 (0%)
		0/53 (0%)	0/53 (0%)
		0/53 (0%)	0/53 (0%)
Overall Incidence	Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Uterus:			
Squamous Cell Papilloma		0/53 (0%)	1/53 (2%)
		0/53 (0%)	0/53 (0%)
		0/53 (0%)	0/53 (0%)
Overall Incidence	Total 2/371 (0.54%)	Mean 0.54%	SD 0.92%
#Vagina:			
Sarcoma		0/53 (0%)	0/53 (0%)
		1/53 (2%)	0/53 (0%)
		0/53 (0%)	0/53 (0%)
Overall Incidence	Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Vagina:			
Schwannoma Malignant		0/53 (0%)	0/53 (0%)
		0/53 (0%)	0/53 (0%)
		1/53 (2%)	0/53 (0%)
Overall Incidence	Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Vagina:			
Squamous Cell Carcinoma		1/53 (2%)	0/53 (0%)
		0/53 (0%)	0/53 (0%)
		0/53 (0%)	0/53 (0%)
Overall Incidence	Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Vagina:			
Squamous Cell Papilloma		0/53 (0%)	0/53 (0%)
		0/53 (0%)	0/53 (0%)
		0/53 (0%)	1/53 (2%)
Overall Incidence	Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%

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

Version: 02/27/05
 Contract/Lab: All Laboratories
 Species: RATS
 Strain: SPRAGUE-DAWLEY
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: CORN OIL

Date of
 Input File: 24-FEB-2005

Incidence Data for Vehicle Control Groups

	Male			Female		
#Zymbal's Gland:						
Carcinoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	1/53 (2%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%
#Zymbal's Gland:						
Carcinoma or Adenoma	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	0/53 (0%)	0/53 (0%)
	0/0 (0%)	0/0 (0%)	0/0 (0%)	0/53 (0%)	1/53 (2%)	0/53 (0%)
	0/0 (0%)			0/53 (0%)		
Overall Incidence				Total 1/371 (0.27%)	Mean 0.27%	SD 0.71%