Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

				Stu	dy 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 Northwest Battelle Northwest Battelle Northwest Battelle Northwest	052001105 059901705 059302507 052030305	07/14/03 08/25/03 06/16/03 06/06/05	729 729 729 729	50(5) 50(5) 50(5) 50(5)	23(678) 28(686) 20(668) 25(680)	526.9 525.6 536.2 532.1	1-Bromopropane Diethylamine Tetralin Vinylidene chloride	
					Female			
Battelle Northwest Battelle Northwest Battelle Northwest Battelle Northwest	052001105 059901705 059302507 052030305	07/14/03 08/25/03 06/16/03 06/06/05	730 730 730 731	50(5) 50(5) 50(5) 50(5)	34(702) 31(687) 31(682) 30(705)	386.5 378.3 370.8 375.6	1-Bromopropane Diethylamine Tetralin Vinylidene chloride	

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			Male				Female	
#All Organs: Benign Tumors								
		48/50 (96%) 47/50 (94%)	44/50 (88%)	48/50 (96%)		45/50 (90%) 47/50 (94%)	43/50 (86%)	40/50 (80%)
Overall Incidence	Total	187/200 (93.5%)	Mean 93.5%	SD 3.79%	Total	175/200 (87.5%)	Mean 87.5%	SD 5.97%
#All Organs: Malignant Tumors								
		38/50 (76%) 27/50 (54%)	31/50 (62%)	33/50 (66%)		26/50 (52%) 24/50 (48%)	24/50 (48%)	25/50 (50%)
Overall Incidence	Total	129/200 (64.5%)	Mean 64.5%	SD 9.15%	Total	99/200 (49.5%)	Mean 49.5%	SD 1.91%
#All Organs: Malignant and Benign Tu	mors	50/50 (100%)	49/50 (98%)	50/50 (100%)		49/50 (98%)	48/50 (96%)	46/50 (92%)
		50/50 (100%)	· · · · ·			49/50 (98%)		· · · · ·
Overall Incidence	Total	199/200 (99.5%)	Mean 99.5%	SD 1%	Total	192/200 (96%)	Mean 96%	SD 2.83%
#All Organs: Hemangioma		0/50 (00/)	0/50 (00()	0/50 (00/)		0/50 (00/)	0/50 (00/)	0/50 (00/)
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#All Organs: Hemangiosarcoma								
		0/50 (0%) 0/50 (0%)	1/50 (2%)	1/50 (2%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	2/200 (1%)	Mean 1%	SD 1.15%	Total	0/200 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

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			Male				Female	
#All Organs: Hemangiosarcoma or	Hemangioma							
		0/50 (0%) 0/50 (0%)	1/50 (2%)	1/50 (2%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	2/200 (1%)	Mean 1%	SD 1.15%	Total	0/200 (0%)	Mean 0%	SD 0%
#All Organs: Histiocytic Sarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	2/50 (4%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	2/200 (1%)	Mean 1%	SD 2%
Overall Incidence	Total	17/50 (34%) 96/200 (48%)	Mean 48%	SD 10.07%	Total	10/50 (20%) 58/200 (29%)	Mean 29%	17/50 (34%) SD 6.22%
#All Organs:		phocytic, Mixed, NOS, or						
Malignant Lymphoma:			0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Malignant Lymphoma:		0/50 (0%) 0/50 (0%)	0/00 (070)	0/30 (070)		1/50 (2%)		0,00 (0,0)
	Total		Mean 0%	SD 0%	Total	1/50 (2%) 1/200 (0.5%)	Mean 0.5%	SD 1%
Overall Incidence		0/50 (0%) 0/200 (0%)		()	Total	. ,		(111)
Overall Incidence #All Organs:		0/50 (0%) 0/200 (0%)		()	Total	. ,		(111)

*: Denominator is number of animals with tissues examined microscopically

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			Male				Female	
#All Organs: Mesothelioma: Malignant								
		0/50 (0%) 1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%
#All Organs: Osteoma								
		0/50 (0%) 1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%
#All Organs: Osteosarcoma								
		2/50 (4%) 1/50 (2%)	0/50 (0%)	3/50 (6%)		0/50 (0%) 1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	6/200 (3%)	Mean 3%	SD 2.58%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%
#All Organs: Osteosarcoma or Osteoma								
		2/50 (4%) 2/50 (4%)	0/50 (0%)	3/50 (6%)		0/50 (0%) 1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	7/200 (3.5%)	Mean 3.5%	SD 2.52%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%
*Adrenal Cortex: Adenoma								
		1/50 (2%) 4/49 (8%)	1/50 (2%)	0/50 (0%)		3/50 (6%) 2/50 (4%)	4/50 (8%)	8/50 (16%)
Overall Incidence	Total	6/199 (3.02%)	Mean 3.04%	SD 3.54%	Total	17/200 (8.5%)	Mean 8.5%	SD 5.26%

*: Denominator is number of animals with tissues examined microscopically

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			Male				Female	
Adrenal Cortex: Carcinoma								
		0/50 (0%) 0/49 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/199 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%
Adrenal Medulla: Pheochromocytoma Beni								
		10/50 (20%) 5/49 (10%)	7/50 (14%)	9/50 (18%)		2/50 (4%) 0/50 (0%)	0/50 (0%)	2/50 (4%)
Overall Incidence	Total	31/199 (15.58%)	Mean 15.55%	SD 4.35%	Total	4/200 (2%)	Mean 2%	SD 2.31%
*Adrenal Medulla: Pheochromocytoma Com								
		1/50 (2%) 0/49 (0%)	2/50 (4%)	0/50 (0%)		1/50 (2%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	3/199 (1.51%)	Mean 1.5%	SD 1.91%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%
*Adrenal Medulla: Pheochromocytoma Mali	gnant							
		0/50 (0%) 2/49 (4%)	1/50 (2%)	4/50 (8%)		0/50 (0%) 1/50 (2%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	7/199 (3.52%)	Mean 3.52%	SD 3.42%	Total	2/200 (1%)	Mean 1%	SD 1.15%
*Adrenal Medulla: Pheochromocytoma: Ber	nign, Complex	k, Malignant, NOS						
		11/50 (22%) 6/49 (12%)	10/50 (20%)	12/50 (24%)		3/50 (6%) 1/50 (2%)	0/50 (0%)	3/50 (6%)
Overall Incidence	Total	39/199 (19.6%)	Mean 19.56%	SD 5.14%	Total	7/200 (3.5%)	Mean 3.5%	SD 3%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
#Blood Vessel: Leiomyosarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%
≇Bone: Chordoma								
		1/50 (2%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%
#Bone: Osteoma								
		0/50 (0%) 1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%
#Bone: Osteosarcoma								
		1/50 (2%) 1/50 (2%)	0/50 (0%)	3/50 (6%)		0/50 (0%) 1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	5/200 (2.5%)	Mean 2.5%	SD 2.52%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%
#Bone: Osteosarcoma or Osteoma								
		1/50 (2%) 2/50 (4%)	0/50 (0%)	3/50 (6%)		0/50 (0%) 1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	6/200 (3%)	Mean 3%	SD 2.58%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
'Brain: Glioma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
'Brain: Glioma Benign								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
*Brain: Glioma Malignant								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%
*Brain: Oligodendroglioma, Gli								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%
*Brain: Osteosarcoma								
		1/50 (2%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
Clitoral/Preputial Gland: Adenoma								
		4/50 (8%) 2/50 (4%)	0/50 (0%)	0/50 (0%)		3/49 (6%) 4/47 (9%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	6/200 (3%)	Mean 3%	SD 3.83%	Total	8/196 (4.08%)	Mean 4.16%	SD 3.86%
Clitoral/Preputial Gland: Carcinoma								
		2/50 (4%) 2/50 (4%)	1/50 (2%)	0/50 (0%)		1/49 (2%) 1/47 (2%)	0/50 (0%)	4/50 (8%)
Overall Incidence	Total	5/200 (2.5%)	Mean 2.5%	SD 1.91%	Total	6/196 (3.06%)	Mean 3.04%	SD 3.45%
*Clitoral/Preputial Gland: Carcinoma or Adenoma								
		6/50 (12%) 4/50 (8%)	1/50 (2%)	0/50 (0%)		4/49 (8%) 5/47 (11%)	1/50 (2%)	4/50 (8%)
Overall Incidence	Total	11/200 (5.5%)	Mean 5.5%	SD 5.51%	Total	14/196 (7.14%)	Mean 7.2%	SD 3.67%
Clitoral/Preputial Gland: Sarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%) 0/47 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/196 (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%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
#Eye: Melanoma Benign								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Eye: Melanoma Malignant								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Harderian Gland: Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Harderian Gland: Carcinoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Harderian Gland: Carcinoma or Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

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			Male				Female	
*Heart: Schwannoma Benign								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
*Heart: Schwannoma Malignant								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Intestine Large: Colon/Rectu Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Intestine Large: Colon/Rectu Carcinoma or Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Intestine Small: Duodenum: Leiomyoma								
		0/50 (0%) 0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
#Intestine Small: Duodenum: Schwannoma Malignant								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Intestine Small: Ileum: Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Intestine Small: Jejunum: Carcinoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (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%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Intestine Small: Jejunum: Leiomyosarcoma								
-		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

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			Male				Female	
#Intestine Small: Site Uns Adenoma	specified:							
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Uns Carcinoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Uns Carcinoma or Adenoma	specified:	0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/30 (078)	0/30 (078)		0/50 (0%)	0/30 (078)	0/30 (078)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Uns Leiomyoma								
		0/50 (0%) 0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Uns Leiomyosarcoma	specified:							
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

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			Male				Female	
#Intestine Small: Site Unspec Schwannoma Malignant	cified:							
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
'Islets, Pancreatic: Adenoma								
		0/50 (0%) 2/50 (4%)	6/50 (12%)	3/50 (6%)		0/50 (0%) 0/50 (0%)	2/50 (4%)	0/50 (0%)
Overall Incidence	Total	11/200 (5.5%)	Mean 5.5%	SD 5%	Total	2/200 (1%)	Mean 1%	SD 2%
*Islets, Pancreatic: Carcinoma								
		3/50 (6%) 2/50 (4%)	1/50 (2%)	1/50 (2%)		1/50 (2%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	7/200 (3.5%)	Mean 3.5%	SD 1.91%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%
Islets, Pancreatic: Carcinoma or Adenoma								
		3/50 (6%) 4/50 (8%)	7/50 (14%)	4/50 (8%)		1/50 (2%) 0/50 (0%)	2/50 (4%)	0/50 (0%)
Overall Incidence	Total	18/200 (9%)	Mean 9%	SD 3.46%	Total	3/200 (1.5%)	Mean 1.5%	SD 1.91%
*Kidney: Pelvis and Transitio Papilloma	onal Epitheli	um:						
-		1/50 (2%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/199 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
Kidney: Renal Tubule: Adenoma								
		1/50 (2%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/199 (0%)	Mean 0%	SD 0%
Kidney: Renal Tubule: Carcinoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		1/49 (2%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/199 (0.5%)	Mean 0.51%	SD 1.02%
*Kidney: Renal Tubule: Carcinoma or Adenoma								
		1/50 (2%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		1/49 (2%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	1/199 (0.5%)	Mean 0.51%	SD 1.02%
'Kidney: Renal Tubule: Lipoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/199 (0%)	Mean 0%	SD 0%
Kidney: Renal Tubule: Mesenchymal Tumor Malig	gnant							
-		0/50 (0%) 1/50 (2%)	0/50 (0%)	0/50 (0%)		0/49 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/199 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
Kidney: Renal Tubule: Sarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/199 (0%)	Mean 0%	SD 0%
Liver: Hepatocellular Adenom								
		0/50 (0%) 1/50 (2%)	0/50 (0%)	1/50 (2%)		0/50 (0%) 1/50 (2%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	2/200 (1%)	Mean 1%	SD 1.15%	Total	2/200 (1%)	Mean 1%	SD 1.15%
Liver: Hepatocellular Carcino								
		2/50 (4%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	2/200 (1%)	Mean 1%	SD 2%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%
Liver: Hepatocellular Carcino		istoma						
		2/50 (4%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	2/200 (1%)	Mean 1%	SD 2%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%
Liver: Hepatocellular Carcino								
-	-	2/50 (4%) 1/50 (2%)	0/50 (0%)	1/50 (2%)		1/50 (2%) 1/50 (2%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	4/200 (2%)	Mean 2%	SD 1.63%	Total	3/200 (1.5%)	Mean 1.5%	SD 1%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
*Liver:								
Hepatocellular Carcino	ma, Hepatocellu	lar Adenoma, or Hepatol						
		2/50 (4%) 1/50 (2%)	0/50 (0%)	1/50 (2%)		1/50 (2%) 1/50 (2%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	4/200 (2%)	Mean 2%	SD 1.63%	Total	3/200 (1.5%)	Mean 1.5%	SD 1%
Liver: Ito Cell Tumor Benign								
_		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
*Lung: Alveolar/Bronchiolar A	denoma	2/50 (40/)	0/50 (0%)	0/50 (0%)		1/50 (20/)	0/50 (0%/)	0/50 (0%)
		2/50 (4%) 3/50 (6%)	· · · ·	· · · ·		1/50 (2%) 1/50 (2%)	0/50 (0%)	~ /
Overall Incidence	Total	5/200 (2.5%)	Mean 2.5%	SD 3%	Total	2/200 (1%)	Mean 1%	SD 1.15%
*Lung: Alveolar/Bronchiolar C	arcinoma							
		1/50 (2%) 0/50 (0%)	1/50 (2%)	1/50 (2%)		1/50 (2%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	3/200 (1.5%)	Mean 1.5%	SD 1%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%
Lung: Alveolar/Bronchiolar C	arcinoma or Alvo	eolar/Bronchiolar Adeno	ma					
		3/50 (6%) 3/50 (6%)	1/50 (2%)	1/50 (2%)		2/50 (4%) 1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	8/200 (4%)	Mean 4%	SD 2.31%	Total	3/200 (1.5%)	Mean 1.5%	SD 1.91%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
*Lung: Fibrosarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0)	%)	0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Mammary Gland: Adenolipoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0)	%)	0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Mammary Gland: Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0)	%)	0/50 (0%) 0/50 (0%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%
#Mammary Gland: Carcinoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0)	%)	4/50 (8%) 5/50 (10%)	9/50 (18%)	3/50 (6%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	21/200 (10.5%)	Mean 10.5%	SD 5.26%
#Mammary Gland: Carcinoma or Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0)	%)	4/50 (8%) 5/50 (10%)	10/50 (20%)	3/50 (6%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	22/200 (11%)	Mean 11%	SD 6.22%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
#Mammary Gland: Fibroadenoma								
		2/50 (4%) 1/50 (2%)	2/50 (4%)	1/50 (2%)		25/50 (50%) 37/50 (74%)	27/50 (54%)	14/50 (28%)
Overall Incidence	Total	6/200 (3%)	Mean 3%	SD 1.15%	Total	103/200 (51.5%)	Mean 51.5%	SD 18.86%
#Mammary Gland: Fibroma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Mammary Gland: Fibroma, Fibroadenoma	or Adenoma	2/50 (4%)	2/50 (4%)	1/50 (2%)		25/50 (50%)	27/50 (54%)	14/50 (28%)
		1/50 (2%)		(),		37/50 (74%)	· · · · · · · · · · · · · · · · · · ·	14/30 (2078)
Overall Incidence	Total	6/200 (3%)	Mean 3%	SD 1.15%	Total	103/200 (51.5%)	Mean 51.5%	SD 18.86%
#Mammary Gland: Fibroma, Fibroadenoma	ı, Carcinoma, or			1/50 (00/)		07/50 (5404)	00/50 (000/)	
		2/50 (4%) 1/50 (2%)	2/50 (4%)	1/50 (2%)		27/50 (54%) 38/50 (76%)	30/50 (60%)	16/50 (32%)
Overall Incidence	Total	6/200 (3%)	Mean 3%	SD 1.15%	Total	111/200 (55.5%)	Mean 55.5%	SD 18.21%
#Mesentery: Fibrous Histiocytoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
#Mesentery: Schwannoma Malignar	nt							
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
*Nose: Adenoma								
		0/50 (0%) 0/49 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/198 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
Papilloma Squamous o Overall Incidence	Total	0/50 (0%) 0/50 (0%) 0/200 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/50 (0%) 0/200 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Oral Cavity (Oral Mucos Squamous Cell Carcino	a, Tongue, Phar							
		1/50 (2%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 1/50 (2%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	2/200 (1%)	Mean 1%	SD 1.15%
#Oral Cavity (Oral Mucos Squamous Cell Carcino		ynx, Tooth, Gingiva): Squamous, or Papilloma						
-	•	1/50 (2%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 1/50 (2%)	0/50 (0%)	1/50 (2%)
		0/30 (078)				1/00 (2/0)		

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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				Male						F	emale		
#Oral Mucosa: Squamous Cell Carcinoma													
		1/50 (2 0/50 (0	,	(0%)	0/50	(0%)		0/50 0/50	(0%) (0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/200 (0.5%)	Mean		SD 1%		Total	0/200 ((0%)	Mea	an 0%	SD	0%
#Oral Mucosa: Squamous Cell Papilloma													
		0/50 (0 0/50 (0	,	(0%)	0/50	(0%)		0/50 0/50	(0%) (0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/200 (0%)	Mean		SD 0%		Total	0/200 ((0%)		an 0%	SD	0%
*Ovary: Cystadenoma								0/50 0/50	(0%) (0%)	0/50	(0%)	0/50	(0%)
Overall Incidence							Total	0/200 ((0%)		an 0%	SD	
'Ovary: Fibrosarcoma													
								0/50 0/50	(0%) (0%)	0/50	(0%)	0/50	(0%)
Overall Incidence							Total	0/200 (,		an 0%	SD	0%
*Ovary: Granulosa Cell Tumor Benig													
								0/50 0/50	(0%) (0%)	0/50	(0%)	0/50	(0%)
Overall Incidence							Total	0/200 (Mea	an 0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

Version: Jun2013 Contract/Lab: All Laboratories Species: RATS Strain: F 344/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR	Page: 123 Report Date: 06/05/2013				
	Male		Female			
*Ovary: Granulosa Cell Tumor Malignant						
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%		
*Ovary: Granulosa Cell Tumor: Benign, Malignant, NOS						
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%		
*Ovary: Granulosa-Theca Tumor Malignant		2/50 (4%)	0/50 (0%)	0/50 (0%)		
		1/50 (2%)	0,00 (0,0)	0,00 (0,0)		
Overall Incidence	Total	3/200 (1.5%)	Mean 1.5%	SD 1.91%		
*Ovary: Schwannoma Malignant						
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%		
*Ovary: Sertoli Cell Tumor Malignant						
-		0/50 (0%) 1/50 (2%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%		

Version: Jun2013 Contract/Lab: All Laboratories Species: RATS Strain: F 344/N Length of Study: CHRONIC		Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR										Page: 124 Report Date: 06/05/2013			
		Male							Female						
[•] Ovary: Tubulostromal Adenoma									0/50	(0%)	0/50	(0%)	0/50	(0%)	
									0/50	(0%)	0,00	(0,0)	0,00	(0,0)	
Overall Incidence								Total	0/200	(0%)	Mean	0%	SD	0%	
*Pancreas: Adenoma		0/50	(0%)	0/49	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/49	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/199 (0%)	. ,	Mean	0%	SD 0%		Total	0/200	. ,	Mean	0%	SD	0%	
Pancreas: Carcinoma or Adenoma		0/50	(0%)	0/49	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%/)	
		0/50	(0%)	0/49	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/199 (0%)	. ,	Mean	0%	SD 0%		Total	0/200	. ,	Mean	0%	SD	0%	
Pancreas: Mixed Tumor Benign															
		0/50 0/50	(0%) (0%)	0/49	(0%)	0/50	(0%)		0/50 0/50	(0%) (0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/199 (0%)	. ,	Mean	0%	SD 0%		Total	0/200		Mean	0%	SD	0%	
Parathyroid Gland: Adenoma															
		0/46 0/50	(0%) (0%)	0/48	(0%)	0/48	(0%)		0/47 0/49	(0%) (0%)	1/43	(2%)	0/49	(0%)	
Overall Incidence	Total	0/192 (0%)	· · ·	Mean	0%	SD 0%		Total	1/188 (0	· · ·	Mean	0.58%	SD 1	16%	

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
Pituitary Gland: Pars Di Adenoma	stalis or Unspec	ified Site:						
		37/50 (74%) 34/50 (68%)	31/50 (62%)	36/50 (72%)		35/50 (70%) 32/50 (64%)	29/50 (58%)	36/49 (73%)
Overall Incidence	Total	138/200 (69%)	Mean 69%	SD 5.29%	Total	132/199 (66.33%)	Mean 66.37%	SD 6.81%
Pituitary Gland: Pars Di Carcinoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%) 1/50 (2%)	2/50 (4%)	0/49 (0%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	3/199 (1.51%)	Mean 1.5%	SD 1.91%
*Pituitary Gland: Pars Di Carcinoma or Adenom Overall Incidence		37/50 (74%) 34/50 (68%) 139/200 (69.5%)	31/50 (62%) Mean 69.5%	37/50 (74%) SD 5.74%	Total	35/50 (70%) 33/50 (66%) 135/199 (67.84%)	31/50 (62%) Mean 67.87%	36/49 (73%) SD 4.96%
*Pituitary Gland: Pars Di		cified Site:				······		
Ganglioneuroma						0/50 (0%)	0/50 (0%)	0/49 (0%)
Ganglioneuroma		0/50 (0%) 0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0,00 (0,0)	
-	Total	()	1/50 (2%) Mean 0.5%	SD 1%	Total	()	Mean 0%	SD 0%
Overall Incidence		0/50 (0%)			Total	0/50 (0%)	()	· · · · ·
Overall Incidence *Pituitary Gland: Pars In		0/50 (0%)			Total	0/50 (0%)	()	· · · · ·

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
Pituitary Gland: Pars Interm Carcinoma or Adenoma	edia:							
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/199 (0%)	Mean 0%	SD 0%
Pituitary Gland: Pars Nervos Craniopharyngioma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/199 (0%)	Mean 0%	SD 0%
Prostate: Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%				
Prostate: Carcinoma or Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%				
Salivary Glands: Carcinoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
Salivary Glands: Carcinoma or Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
Salivary Glands: Sarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
*Salivary Glands: Schwannoma Malignant								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Seminal Vesicle: Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%				
#Skeletal Muscle: Fibrous Histiocytoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
#Skeletal Muscle: Lipoma								
		0/50 (0%) 1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%
≭Skin: Basal Cell Adenoma								
		0/50 (0%) 1/50 (2%)	0/50 (0%)	1/50 (2%)		0/50 (0%) 1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	2/200 (1%)	Mean 1%	SD 1.15%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%
Basal Cell Adenoma or B Overall Incidence	Total	0/50 (0%) 1/50 (2%) 2/200 (1%)	0/50 (0%) Mean 1%	1/50 (2%) SD 1.15%	Total	0/50 (0%) 1/50 (2%) 1/200 (0.5%)	0/50 (0%) Mean 0.5%	0/50 (0%) SD 1%
#Skin: Basal Cell Adenoma, Bas	osquamous T	umor Benian. or Trichoe	pithelioma					
	·	0/50 (0%) 2/50 (4%)	0/50 (0%)	1/50 (2%)		0/50 (0%) 1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	3/200 (1.5%)	Mean 1.5%	SD 1.91%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%
#Skin: Basal Cell Carcinoma								
		0/50 (0%) 1/50 (2%)	1/50 (2%)	3/50 (6%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	5/200 (2.5%)	Mean 2.5%	SD 2.52%	Total	0/200 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
#Skin:								
Basal Cell Carcinoma	or Basosquamou	is Tumor (malignant or N	OS)					
		0/50 (0%) 1/50 (2%)	1/50 (2%)	3/50 (6%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	5/200 (2.5%)	Mean 2.5%	SD 2.52%	Total	0/200 (0%)	Mean 0%	SD 0%
#Skin:								
Basal Cell Carcinoma, NOS), or Trichoepithel		oma, Basosquamous Tur	nor (benign, maligna	nt or				
<i>,,</i> ,		0/50 (0%) 3/50 (6%)	1/50 (2%)	4/50 (8%)		0/50 (0%) 1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	8/200 (4%)	Mean 4%	SD 3.65%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%
Basal or Sq. Cell Carci	inoma, Carcinom	a, Basosq. Tumor (M or E ratoacanthoma, Trichoep	3), Basal Cell Adenon ithelioma	na,				
Basal or Sq. Cell Carci	inoma, Carcinom	a, Basosq. Tumor (M or E ratoacanthoma, Trichoep 1/50 (2%)	3), Basal Cell Adenon			1/50 (2%)	1/50 (2%)	1/50 (2%)
Adenoma, Papilloma, S Overall Incidence	inoma, Carcinom Sq Papilloma, Ke Total	a, Basosq. Tumor (M or E ratoacanthoma, Trichoep 1/50 (2%) 9/50 (18%) 16/200 (8%)	3), Basal Cell Adenon ithelioma 1/50 (2%) Mean 8%	na, 5/50 (10%) SD 7.66%	Total	1/50 (2%) 2/50 (4%) 5/200 (2.5%)	1/50 (2%) Mean 2.5%	1/50 (2%) SD 1%
Basal or Sq. Cell Carci Adenoma, Papilloma, S Overall Incidence	inoma, Carcinom Sq Papilloma, Ke Total	a, Basosq. Tumor (M or E ratoacanthoma, Trichoep 1/50 (2%) 9/50 (18%)	3), Basal Cell Adenon ithelioma 1/50 (2%) Mean 8%	na, 5/50 (10%) SD 7.66%	Total	1/50 (2%) 2/50 (4%) 5/200 (2.5%)	1/50 (2%) Mean 2.5%	
Basal or Sq. Cell Carci Adenoma, Papilloma, S Overall Incidence #Skin:	inoma, Carcinom Sq Papilloma, Ke Total	a, Basosq. Tumor (M or E ratoacanthoma, Trichoep 1/50 (2%) 9/50 (18%) 16/200 (8%)	3), Basal Cell Adenon ithelioma 1/50 (2%) Mean 8%	na, 5/50 (10%) SD 7.66%	Total	1/50 (2%) 2/50 (4%) 5/200 (2.5%)	1/50 (2%) Mean 2.5%	
Basal or Sq. Cell Carci Adenoma, Papilloma, S Overall Incidence #Skin:	inoma, Carcinom Sq Papilloma, Ke Total	a, Basosq. Tumor (M or E ratoacanthoma, Trichoep 1/50 (2%) 9/50 (18%) 16/200 (8%) 3/50 (6%)	3), Basal Cell Adenon ithelioma 1/50 (2%) Mean 8%	na, 5/50 (10%) SD 7.66%	Total	1/50 (2%) 2/50 (4%) 5/200 (2.5%) 2/50 (4%)	1/50 (2%) Mean 2.5%	SD 1%
Basal or Sq. Cell Carci Adenoma, Papilloma, S Overall Incidence #Skin: Fibroma Overall Incidence	inoma, Carcinom Sq Papilloma, Ke Total Total	a, Basosq. Tumor (M or E ratoacanthoma, Trichoep 1/50 (2%) 9/50 (18%) 16/200 (8%) 3/50 (6%) 1/50 (2%) 8/200 (4%)	3), Basal Cell Adenon ithelioma 1/50 (2%) Mean 8% 1/50 (2%) Mean 4%	na, 5/50 (10%) SD 7.66% 3/50 (6%)	Total	1/50 (2%) 2/50 (4%) 5/200 (2.5%) 2/50 (4%) 1/50 (2%)	1/50 (2%) Mean 2.5% 1/50 (2%)	SD 1% 0/50 (0%)
Basal or Sq. Cell Carci Adenoma, Papilloma, S Overall Incidence #Skin: Fibroma Overall Incidence	inoma, Carcinom Sq Papilloma, Ke Total Total	a, Basosq. Tumor (M or E pratoacanthoma, Trichoep 1/50 (2%) 9/50 (18%) 16/200 (8%) 3/50 (6%) 1/50 (2%)	3), Basal Cell Adenon ithelioma 1/50 (2%) Mean 8% 1/50 (2%) Mean 4%	na, 5/50 (10%) SD 7.66% 3/50 (6%)	Total	1/50 (2%) 2/50 (4%) 5/200 (2.5%) 2/50 (4%) 1/50 (2%)	1/50 (2%) Mean 2.5% 1/50 (2%)	SD 1% 0/50 (0%)

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
#Skin: Fibrosarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	3/50 (6%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	3/200 (1.5%)	Mean 1.5%	SD 3%	Total	0/200 (0%)	Mean 0%	SD 0%
#Skin: Fibrosarcoma, Sarcoma, I								
	ing xoou come	0/50 (0%) 0/50 (0%)	1/50 (2%)	3/50 (6%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	4/200 (2%)	Mean 2%	SD 2.83%	Total	0/200 (0%)	Mean 0%	SD 0%
#Skin: Fibrous Histiocytoma								
		0/50 (0%) 0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%
¥Skin: Hemangiosarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%
#Skin: Keratoacanthoma								
		0/50 (0%) 3/50 (6%)	0/50 (0%)	1/50 (2%)		1/50 (2%) 1/50 (2%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	4/200 (2%)	Mean 2%	SD 2.83%	Total	3/200 (1.5%)	Mean 1.5%	SD 1%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
#Skin: Lipoma								
		2/50 (4%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	2/200 (1%)	Mean 1%	SD 2%	Total	0/200 (0%)	Mean 0%	SD 0%
#Skin: Liposarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Skin: Neural Crest Tumor								
		1/50 (2%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%
#Skin: Neurofibroma or Schw								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Skin: Neurofibrosarcoma or		alignant or NOS)						
	· ·	0/50 (0%) 0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
*Skin: Neurofibrosarcoma, Neuro	fibroma, or S	Schwannoma (benign, ma	alignant or NOS)					
	,	0/50 (0%) 0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%
∕Skin: Sarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
≇Skin: Schwannoma Benign								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
¥Skin: Schwannoma Malignant								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%
≭Skin: Squamous Cell Carcinoma								
		1/50 (2%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
#Skin: Squamous Cell Carcin or Carcinoma	oma, Basal Cell (Carcinoma, Basosquamo	us Tumor (malignant	or NOS),				
		1/50 (2%) 1/50 (2%)	1/50 (2%)	3/50 (6%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	6/200 (3%)	Mean 3%	SD 2%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%
∕Skin: Squamous Cell Papillo	ma	0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		3/50 (6%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	3/200 (1.5%)	Mean 1.5%	SD 3%	Total	0/200 (0%)	Mean 0%	SD 0%
≭Skin: Squamous Cell Papillo	ma or Papilloma	0/50 (0%) 3/50 (6%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	3/200 (1.5%)	Mean 1.5%	SD 3%	Total	0/200 (0%)	Mean 0%	SD 0%
έSkin: Squamous Cell Papillo	ma, Papilloma, S	Squamous Cell Carcinom 1/50 (2%) 6/50 (12%)	a or Keratoacanthoma 0/50 (0%)	1/50 (2%)	Tatal	1/50 (2%) 1/50 (2%)	1/50 (2%)	1/50 (2%)
Overall Incidence	Total	8/200 (4%)	Mean 4%	SD 5.42%	Total	4/200 (2%)	Mean 2%	SD 0%
#Skin: Squamous Cell Papillo	ma, Papilloma, o							
		0/50 (0%) 6/50 (12%)	0/50 (0%)	1/50 (2%)		1/50 (2%) 1/50 (2%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	7/200 (3.5%)	Mean 3.5%	SD 5.74%	Total	3/200 (1.5%)	Mean 1.5%	SD 1%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
#Skin: Trichoepithelioma								
		0/50 (0%) 1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%
#Skin: Sebaceous Gland: Adenoma								
		0/50 (0%) 0/50 (0%)	1/50 (2%)	2/50 (4%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	3/200 (1.5%)	Mean 1.5%	SD 1.91%	Total	0/200 (0%)	Mean 0%	SD 0%
#Skin: Sebaceous Gland: Carcinoma or Adenoma								
		0/50 (0%) 0/50 (0%)	1/50 (2%)	2/50 (4%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	3/200 (1.5%)	Mean 1.5%	SD 1.91%	Total	0/200 (0%)	Mean 0%	SD 0%
#Spinal Cord: Glioma Malignant								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Stomach, Glandular: Carcinoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
#Stomach, Glandular: Carcinoma or Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
fStomach, Glandular: Sarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
Testes: Adenoma								
		34/50 (68%) 32/50 (64%)	36/50 (72%)	29/50 (58%)				
Overall Incidence	Total	131/200 (65.5%)	Mean 65.5%	SD 5.97%				
'Testes: Hemangioma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%				
'Thymus: Thymoma Benign								
		0/43 (0%) 0/42 (0%)	0/44 (0%)	0/47 (0%)		1/46 (2%) 0/46 (0%)	0/48 (0%)	0/44 (0%)
Overall Incidence	Total	0/176 (0%)	Mean 0%	SD 0%	Total	1/184 (0.54%)	Mean 0.54%	SD 1.09%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
'Thymus: Thymoma Malignant								
		0/43 (0%) 0/42 (0%)	0/44 (0%)	0/47 (0%)		0/46 (0%) 0/46 (0%)	0/48 (0%)	0/44 (0%)
Overall Incidence	Total	0/176 (0%)	Mean 0%	SD 0%	Total	0/184 (0%)	Mean 0%	SD 0%
*Thymus: Thymoma NOS								
		0/43 (0%) 0/42 (0%)	0/44 (0%)	0/47 (0%)		0/46 (0%) 0/46 (0%)	1/48 (2%)	0/44 (0%)
Overall Incidence	Total	0/176 (0%)	Mean 0%	SD 0%	Total	1/184 (0.54%)	Mean 0.52%	SD 1.04%
*Thymus: Thymoma: Benign, Malignant,		0/43 (0%) 0/42 (0%)	0/44 (0%)	0/47 (0%)		1/46 (2%) 0/46 (0%)	1/48 (2%)	0/44 (0%)
Overall Incidence	Total	0/42 (0%)	Mean 0%	SD 0%	Total	2/184 (1.09%)	Mean 1.06%	SD 1.23%
Thyroid Gland: C-Cell: Adenoma								
		5/50 (10%) 4/50 (8%)	7/50 (14%)	5/50 (10%)		3/50 (6%) 3/50 (6%)	4/50 (8%)	3/50 (6%)
Overall Incidence	Total	21/200 (10.5%)	Mean 10.5%	SD 2.52%	Total	13/200 (6.5%)	Mean 6.5%	SD 1%
*Thyroid Gland: C-Cell: Carcinoma								
		4/50 (8%) 3/50 (6%)	1/50 (2%)	2/50 (4%)		1/50 (2%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	10/200 (5%)	Mean 5%	SD 2.58%	Total	1/200 (0.5%)	Mean 0.5%	SD 1%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
Thyroid Gland: C-Cell: Carcinoma or Adenoma		0/50 (40%)	0/50 (400/)	0/50 (40%)		4/50 (00())	4/50 (00())	0/50 (0%)
		9/50 (18%) 7/50 (14%)	8/50 (16%)	6/50 (12%)		4/50 (8%) 3/50 (6%)	4/50 (8%)	3/50 (6%)
Overall Incidence	Total	30/200 (15%)	Mean 15%	SD 2.58%	Total	14/200 (7%)	Mean 7%	SD 1.15%
Thyroid Gland: Follicular Cell: Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
Thyroid Gland: Follicular Cell: Carcinoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
Thyroid Gland: Follicular Cell: Carcinoma or Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Tongue: Squamous Cell Carcinoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 1/50 (2%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	2/200 (1%)	Mean 1%	SD 1.15%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male				Female	
#Tongue: Squamous Cell Carcinoma	or Papillom	a Squamous						
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 1/50 (2%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	2/200 (1%)	Mean 1%	SD 1.15%
≭Tongue: Squamous Cell Papilloma								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/200 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
#Tooth: Adamantinoma Malignant								
		0/50 (0%) 0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/200 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%
'Urinary Bladder: Carcinoma								
		0/50 (0%) 0/49 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/199 (0%)	Mean 0%	SD 0%	Total	0/200 (0%)	Mean 0%	SD 0%
*Urinary Bladder: Carcinoma or Papilloma								
		0/50 (0%) 0/49 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/199 (0.5%)	Mean 0.5%	SD 1%	Total	0/200 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR

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			Male					Female	
Urinary Bladder: Hemangiosarcoma									
		0/50 (0%) 0/49 (0%)	1/50 (2%)	0/50	(0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/199 (0.5%)	Mean 0.5%	SD 1%		Total	0/200 (0%)	Mean 0%	SD 0%
Urinary Bladder: Papilloma									
		0/50 (0%) 0/49 (0%)	1/50 (2%)	0/50	(0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/199 (0.5%)	Mean 0.5%	SD 1%		Total	0/200 (0%)	Mean 0%	SD 0%
#Uterus: Adenoma							0/50 (0%)	1/50 (2%)	1/50 (2%)
Overall Incidence						Total	0/50 (0%) 2/200 (1%)	Mean 1%	SD 1.15%
Uterus: Carcinoma									
							0/50 (0%) 0/50 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence						Total	1/200 (0.5%)	Mean 0.5%	SD 1%
#Uterus: Leiomyosarcoma									
							0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence						Total	0/200 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

/ersion: Jun2013 Contract/Lab: All Laboratories Species: RATS Strain: F 344/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Group Route: INHALATION Vehicle: AIR		Page: 140 Report Date: 06/05/2013				
	Male			Female			
Uterus:							
Polyp Stromal		8/50 (16% 11/50 (22%		(16%)	6/50 (12%)		
verall Incidence	Total	33/200 (16.5%		n 16.5%	SD 4.12%		
Jterus:							
Sarcoma		0/50 (0% 0/50 (0%	,	(0%)	0/50 (0%)		
verall Incidence	Total	0/200 (0%)		an 0%	SD 0%		
Uterus: Sarcoma Stromal							
		2/50 (4% 0/50 (0%		(0%)	0/50 (0%)		
verall Incidence	Total	2/200 (1%)	Mea	an 1%	SD 2%		
Jterus:							
Sarcoma Stromal or Polyp Stromal		10/50 (20% 11/50 (22%		(16%)	6/50 (12%)		
verall Incidence	Total	35/200 (17.5%		n 17.5%	SD 4.43%		
Uterus: Schwannoma Malignant							
		0/50 (0% 0/50 (0%		(0%)	0/50 (0%)		
Overall Incidence	Total	0/200 (0%)		an 0%	SD 0%		

Version: Jun2013 Contract/Lab: All Laboratories Species: RATS Strain: F 344/N Length of Study: CHRONIC	5		Tumor Incidence	by Data Management the for Selected Control A Route: INHALATION Vehicle: AIR			Page: 141 Report Dat	Page: 141 Report Date: 06/05/2013			
			Male				Female				
#Vagina: Polyp						0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence					Total	0/50 (0%) 0/200 (0%)	Mean 0%	SD 0%			
#Vagina: Sarcoma						1/50 (2%)	0/50 (0%)	0/50 (0%)			
Overall Incidence					Total	0/50 (0%) 1/200 (0.5%)	Mean 0.5%	SD 1%			
#Vagina: Schwannoma Malignant						0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence					Total	0/200 (0%)	Mean 0%	SD 0%			
#Zymbal's Gland: Adenoma		0/50 (0%) 0/50 (0%)	2/50 (4%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	2/200 (1%)	Mean 1%	SD 2%	Total	0/200 (0%)	Mean 0%	SD 0%			
#Zymbal's Gland: Carcinoma		0/50 /00/1	0/50 (00/.)	0/50 (00/.)		4/50 (00/)	0/50 (00/)	4/50 (00/)			
Overall Incidence	Total	0/50 (0%) 0/50 (0%) 0/200 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	1/50 (2%) 0/50 (0%) 2/200 (1%)	0/50 (0%) Mean 1%	1/50 (2%) SD 1.15%			

*: Denominator is number of animals with tissues examined microscopically

Version: Jun2013				Toxicology Data Management System						Page: 142				
Contract/Lab: All Laboratories		Tumor Incidence for Selected Control Animal Groups							Report Date: 06/05/2013					
Species: RATS					Route: INH	IALATION								
Strain: F 344/N				Vehicle: AIR										
Length of Study: CHRONIC														
		Male							Female					
#Zymbal's Gland: Carcinoma or Adenoma														
		0/50 0/50	(0%) (0%)	2/50	(4%)	0/50	(0%)		1/50 0/50	(2%) (0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	2/200 (1%	%)	Mean	1%	SD 2%		Total	2/200 (1%)	Mea	an 1%	SD 1.1	5%

*: Denominator is number of animals with tissues examined microscopically