

Version: May2011
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

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

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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 Laboratory	052000904	11/09/04	730	50(1)	24(645)	57.1	beta-Picoline
Southern Research Institute	052011406	09/04/02	729	50(1)	33(700)	55.6	Sodium dichromate dihydrate (VI)
Female							
Battelle Columbus Laboratory	052000904	11/08/04	729	50(5)	38(702)	67.4	beta-Picoline
Southern Research Institute	052011406	09/04/02	735	50(5)	35(701)	64.3	Sodium dichromate dihydrate (VI)

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		Male			Female			
#All Organs:								
Benign Tumors								
		36/50 (72%)	42/50 (84%)		40/50 (80%)	27/50 (54%)		
Overall Incidence	Total	78/100 (78%)	Mean 78%	SD 8.49%	Total	67/100 (67%)	Mean 67%	SD 18.38%
.....								
#All Organs:								
Malignant Tumors								
		36/50 (72%)	31/50 (62%)		29/50 (58%)	22/50 (44%)		
Overall Incidence	Total	67/100 (67%)	Mean 67%	SD 7.07%	Total	51/100 (51%)	Mean 51%	SD 9.9%
.....								
#All Organs:								
Malignant and Benign Tumors								
		48/50 (96%)	49/50 (98%)		43/50 (86%)	36/50 (72%)		
Overall Incidence	Total	97/100 (97%)	Mean 97%	SD 1.41%	Total	79/100 (79%)	Mean 79%	SD 9.9%
.....								
#All Organs:								
Hemangioma								
		1/50 (2%)	0/50 (0%)		0/50 (0%)	1/50 (2%)		
Overall Incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	1/100 (1%)	Mean 1%	SD 1.41%
.....								
#All Organs:								
Hemangiosarcoma								
		6/50 (12%)	4/50 (8%)		3/50 (6%)	2/50 (4%)		
Overall Incidence	Total	10/100 (10%)	Mean 10%	SD 2.83%	Total	5/100 (5%)	Mean 5%	SD 1.41%
.....								
#All Organs:								
Hemangiosarcoma or Hemangioma								
		7/50 (14%)	4/50 (8%)		3/50 (6%)	3/50 (6%)		
Overall Incidence	Total	11/100 (11%)	Mean 11%	SD 4.24%	Total	6/100 (6%)	Mean 6%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

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		Male				Female			
#All Organs:									
Histiocytic Sarcoma									
		0/50 (0%)	0/50 (0%)		1/50 (2%)	2/50 (4%)			
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	3/100 (3%)	Mean 3%	SD 1.41%	
.....									
#All Organs:									
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type									
		0/50 (0%)	2/50 (4%)		14/50 (28%)	7/50 (14%)			
Overall Incidence	Total	2/100 (2%)	Mean 2%	SD 2.83%	Total	21/100 (21%)	Mean 21%	SD 9.9%	
.....									
#All Organs:									
Mesothelioma: Benign									
		1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#All Organs:									
Mesothelioma: Benign, Malignant, NOS									
		1/50 (2%)	2/50 (4%)		0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	3/100 (3%)	Mean 3%	SD 1.41%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#All Organs:									
Mesothelioma: Malignant									
		0/50 (0%)	2/50 (4%)		0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	2/100 (2%)	Mean 2%	SD 2.83%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#All Organs:									
Osteoma									
		0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)			
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	

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		Male				Female					
#All Organs:											
Osteosarcoma											
		0/50	(0%)	1/50	(2%)			2/50	(4%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	2/100	(2%)	Mean 2%	SD 2.83%	
.....											
#All Organs:											
Osteosarcoma or Osteoma											
		0/50	(0%)	1/50	(2%)			2/50	(4%)	1/50	(2%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	3/100	(3%)	Mean 3%	SD 1.41%	
.....											
*Adrenal Cortex:											
Adenoma											
		2/49	(4%)	7/49	(14%)			0/49	(0%)	0/49	(0%)
Overall Incidence	Total	9/98	(9.18%)	Mean 9.18%	SD 7.22%	Total	0/98	(0%)	Mean 0%	SD 0%	
.....											
*Adrenal Cortex:											
Plasma Cell Tumor Malignant											
		0/49	(0%)	0/49	(0%)			0/49	(0%)	0/49	(0%)
Overall Incidence	Total	0/98	(0%)	Mean 0%	SD 0%	Total	0/98	(0%)	Mean 0%	SD 0%	
.....											
*Adrenal Medulla:											
Pheochromocytoma Benign											
		0/49	(0%)	0/49	(0%)			1/49	(2%)	0/49	(0%)
Overall Incidence	Total	0/98	(0%)	Mean 0%	SD 0%	Total	1/98	(1.02%)	Mean 1.02%	SD 1.44%	
.....											
*Adrenal Medulla:											
Pheochromocytoma Malignant											
		0/49	(0%)	0/49	(0%)			0/49	(0%)	0/49	(0%)
Overall Incidence	Total	0/98	(0%)	Mean 0%	SD 0%	Total	0/98	(0%)	Mean 0%	SD 0%	

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		Male				Female			
*Adrenal Medulla:									
 Pheochromocytoma: Benign, Complex, Malignant, NOS									
		0/49	(0%)	0/49	(0%)	1/49	(2%)	0/49	(0%)
Overall Incidence	Total	0/98	(0%)	Mean 0%	SD 0%	Total	1/98	(1.02%)	Mean 1.02%
									SD 1.44%
.....									
*Bone Marrow:									
 Hemangioma									
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/99	(0%)	Mean 0%	SD 0%	Total	0/99	(0%)	Mean 0%
									SD 0%
.....									
*Bone Marrow:									
 Hemangiosarcoma									
		2/50	(4%)	1/49	(2%)	1/49	(2%)	0/50	(0%)
Overall Incidence	Total	3/99	(3.03%)	Mean 3.02%	SD 1.39%	Total	1/99	(1.01%)	Mean 1.02%
									SD 1.44%
.....									
*Bone Marrow:									
 Plasma Cell Tumor Malignant									
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/99	(0%)	Mean 0%	SD 0%	Total	0/99	(0%)	Mean 0%
									SD 0%
.....									
#Bone:									
 Hemangiosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Bone:									
 Osteoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1%
									SD 1.41%
.....									

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		Male				Female					
#Bone:											
Osteosarcoma											
		0/50	(0%)	1/50	(2%)			2/50	(4%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	2/100	(2%)	Mean 2%	SD 2.83%	
.....											
#Bone:											
Osteosarcoma or Osteoma											
		0/50	(0%)	1/50	(2%)			2/50	(4%)	1/50	(2%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	3/100	(3%)	Mean 3%	SD 1.41%	
.....											
*Brain:											
Meningioma Benign											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
*Brain:											
Meningioma Malignant											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
*Brain:											
Meningioma: Benign, Malignant, NOS											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
*Brain:											
Oligodendroglioma Malignant											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	

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		Male				Female			
*Brain:									
Oligodendroglioma, Glioma, or Astrocytoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
*Brain:									
Schwannoma Malignant									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
*Clitoral/Preputial Gland:									
Adenoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
*Clitoral/Preputial Gland:									
Carcinoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
*Clitoral/Preputial Gland:									
Carcinoma or Adenoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
*Clitoral/Preputial Gland:									
Hemangioma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%

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		Male				Female			
*Clitoral/Preputial Gland:									
Hemangiosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
#Esophagus:									
Squamous Cell Carcinoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
#Eye:									
Sarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
#Harderian Gland:									
Adenoma									
		5/50	(10%)	6/50	(12%)	2/50	(4%)	4/50	(8%)
Overall Incidence	Total	11/100	(11%)	Mean 11%	SD 1.41%	Total	6/100	(6%)	Mean 6%
									SD 2.83%
#Harderian Gland:									
Carcinoma									
		2/50	(4%)	0/50	(0%)	2/50	(4%)	1/50	(2%)
Overall Incidence	Total	2/100	(2%)	Mean 2%	SD 2.83%	Total	3/100	(3%)	Mean 3%
									SD 1.41%
#Harderian Gland:									
Carcinoma or Adenoma									
		7/50	(14%)	6/50	(12%)	4/50	(8%)	5/50	(10%)
Overall Incidence	Total	13/100	(13%)	Mean 13%	SD 1.41%	Total	9/100	(9%)	Mean 9%
									SD 1.41%

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		Male				Female			
#Harderian Gland:									
Sarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
*Heart:									
Hemangiosarcoma									
		1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Intestine Large: Cecum:									
Adenoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Intestine Large: Cecum:									
Carcinoma									
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Intestine Large: Cecum:									
Carcinoma or Adenoma									
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Intestine Large: Cecum:									
Leiomyoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%

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		Male				Female			
#Intestine Large: Colon/Rectum:									
Leiomyosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Intestine Small: Duodenum:									
Adenoma									
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Intestine Small: Duodenum:									
Carcinoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Intestine Small: Duodenum:									
Leiomyosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Intestine Small: Duodenum:									
Polyp Adenomatous									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Intestine Small: Ileum:									
Carcinoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%

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		Male				Female			
#Intestine Small: Ileum: Hemangiosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
#Intestine Small: Ileum: Polyp Adenomatous									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
#Intestine Small: Jejunum: Adenoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
#Intestine Small: Jejunum: Carcinoma									
		2/50	(4%)	0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	2/100	(2%)	Mean 2%	SD 2.83%	Total	1/100	(1%)	Mean 1% SD 1.41%
.....									
#Intestine Small: Jejunum: Hemangiosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
#Intestine Small: Jejunum: Leiomyosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%

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		Male				Female					
#Intestine Small: Site Unspecified: Adenoma											
		0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Intestine Small: Site Unspecified: Carcinoma											
		2/50	(4%)	0/50	(0%)			0/50	(0%)	1/50	(2%)
Overall Incidence	Total	2/100	(2%)	Mean 2%	SD 2.83%	Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
#Intestine Small: Site Unspecified: Carcinoma or Adenoma											
		2/50	(4%)	1/50	(2%)			0/50	(0%)	1/50	(2%)
Overall Incidence	Total	3/100	(3%)	Mean 3%	SD 1.41%	Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
#Intestine Small: Site Unspecified: Hemangiosarcoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Intestine Small: Site Unspecified: Leiomyosarcoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Intestine Small: Site Unspecified: Polyp Adenomatous											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	

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

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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 Report Date: 05/04/2011

		Male				Female			
*Islets, Pancreatic:									
Adenoma									
		1/49	(2%)	3/49	(6%)	0/48	(0%)	1/49	(2%)
Overall Incidence	Total	4/98	(4.08%)	Mean 4.08%	SD 2.89%	1/97	(1.03%)	Mean 1.02%	SD 1.44%
.....									
*Islets, Pancreatic:									
Carcinoma									
		0/49	(0%)	0/49	(0%)	0/48	(0%)	0/49	(0%)
Overall Incidence	Total	0/98	(0%)	Mean 0%	SD 0%	0/97	(0%)	Mean 0%	SD 0%
.....									
*Islets, Pancreatic:									
Carcinoma or Adenoma									
		1/49	(2%)	3/49	(6%)	0/48	(0%)	1/49	(2%)
Overall Incidence	Total	4/98	(4.08%)	Mean 4.08%	SD 2.89%	1/97	(1.03%)	Mean 1.02%	SD 1.44%
.....									
*Kidney: Renal Tubule:									
Adenoma									
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/99	(0%)	Mean 0%	SD 0%
.....									
*Kidney: Renal Tubule:									
Carcinoma									
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/99	(0%)	Mean 0%	SD 0%
.....									
*Kidney: Renal Tubule:									
Carcinoma or Adenoma									
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/99	(0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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 Report Date: 05/04/2011

		Male				Female			
*Kidney: Renal Tubule: Hemangioma									
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/99	(0%)	Mean 0%	SD 0%
.....									
*Kidney: Renal Tubule: Hemangiosarcoma									
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/99	(0%)	Mean 0%	SD 0%
.....									
*Kidney: Renal Tubule: Plasma Cell Tumor Malignant									
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/99	(0%)	Mean 0%	SD 0%
.....									
*Kidney: Renal Tubule: Sarcoma									
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/99	(0%)	Mean 0%	SD 0%
.....									
*Liver: Fibrous Histiocytoma									
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/49	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/98	(0%)	Mean 0%	SD 0%
.....									
*Liver: Hemangioma									
		0/50	(0%)	0/50	(0%)	0/49	(0%)	1/49	(2%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	1/98	(1.02%)	Mean 1.02%	SD 1.44%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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 Report Date: 05/04/2011

		Male			Female			
*Liver:								
Hemangiosarcoma								
		5/50 (10%)	1/50 (2%)		2/49 (4%)	1/49 (2%)		
Overall Incidence	Total	6/100 (6%)	Mean 6%	SD 5.66%	Total	3/98 (3.06%)	Mean 3.06%	SD 1.44%
.....								
*Liver:								
Hepatoblastoma								
		6/50 (12%)	17/50 (34%)		1/49 (2%)	0/49 (0%)		
Overall Incidence	Total	23/100 (23%)	Mean 23%	SD 15.56%	Total	1/98 (1.02%)	Mean 1.02%	SD 1.44%
.....								
*Liver:								
Hepatocellular Adenoma								
		33/50 (66%)	36/50 (72%)		38/49 (78%)	14/49 (29%)		
Overall Incidence	Total	69/100 (69%)	Mean 69%	SD 4.24%	Total	52/98 (53.06%)	Mean 53.06%	SD 34.63%
.....								
*Liver:								
Hepatocellular Carcinoma								
		26/50 (52%)	14/50 (28%)		11/49 (22%)	8/49 (16%)		
Overall Incidence	Total	40/100 (40%)	Mean 40%	SD 16.97%	Total	19/98 (19.39%)	Mean 19.39%	SD 4.33%
.....								
*Liver:								
Hepatocellular Carcinoma or Hepatoblastoma								
		26/50 (52%)	25/50 (50%)		12/49 (24%)	8/49 (16%)		
Overall Incidence	Total	51/100 (51%)	Mean 51%	SD 1.41%	Total	20/98 (20.41%)	Mean 20.41%	SD 5.77%
.....								
*Liver:								
Hepatocellular Carcinoma or Hepatocellular Adenoma								
		45/50 (90%)	42/50 (84%)		40/49 (82%)	17/49 (35%)		
Overall Incidence	Total	87/100 (87%)	Mean 87%	SD 4.24%	Total	57/98 (58.16%)	Mean 58.16%	SD 33.19%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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	Male				Female			
*Liver:								
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma								
		45/50 (90%)	46/50 (92%)		40/49 (82%)	17/49 (35%)		
Overall Incidence	Total	91/100 (91%)	Mean 91%	SD 1.41%	Total	57/98 (58.16%)	Mean 58.16%	SD 33.19%
.....								
*Liver:								
Hepatocholangiocarcinoma								
		2/50 (4%)	0/50 (0%)		0/49 (0%)	0/49 (0%)		
Overall Incidence	Total	2/100 (2%)	Mean 2%	SD 2.83%	Total	0/98 (0%)	Mean 0%	SD 0%
.....								
*Liver:								
Hepatocholangioma								
		0/50 (0%)	0/50 (0%)		0/49 (0%)	0/49 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/98 (0%)	Mean 0%	SD 0%
.....								
*Liver:								
Ito Cell Tumor Benign								
		0/50 (0%)	0/50 (0%)		0/49 (0%)	0/49 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/98 (0%)	Mean 0%	SD 0%
.....								
*Liver:								
Ito Cell Tumor Malignant								
		0/50 (0%)	0/50 (0%)		0/49 (0%)	0/49 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/98 (0%)	Mean 0%	SD 0%
.....								
*Liver:								
Plasma Cell Tumor Malignant								
		0/50 (0%)	0/50 (0%)		0/49 (0%)	0/49 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/98 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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 Report Date: 05/04/2011

		Male				Female			
*Liver:									
Sarcoma									
		0/50 (0%)	0/50 (0%)			0/49 (0%)	0/49 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/98 (0%)	Mean 0%	SD 0%	
.....									
*Lung:									
Alveolar/Bronchiolar Adenoma									
		6/50 (12%)	15/50 (30%)			5/50 (10%)	1/50 (2%)		
Overall Incidence	Total	21/100 (21%)	Mean 21%	SD 12.73%	Total	6/100 (6%)	Mean 6%	SD 5.66%	
.....									
*Lung:									
Alveolar/Bronchiolar Carcinoma									
		9/50 (18%)	3/50 (6%)			7/50 (14%)	2/50 (4%)		
Overall Incidence	Total	12/100 (12%)	Mean 12%	SD 8.49%	Total	9/100 (9%)	Mean 9%	SD 7.07%	
.....									
*Lung:									
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma									
		14/50 (28%)	16/50 (32%)			11/50 (22%)	2/50 (4%)		
Overall Incidence	Total	30/100 (30%)	Mean 30%	SD 2.83%	Total	13/100 (13%)	Mean 13%	SD 12.73%	
.....									
*Lung:									
Fibrosarcoma									
		0/50 (0%)	1/50 (2%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Lung:									
Fibrous Histiocytoma									
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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 Report Date: 05/04/2011

		Male				Female					
*Lung:											
Hemangiosarcoma											
		2/50	(4%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	2/100	(2%)	Mean 2%	SD 2.83%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
*Lung:											
Plasma Cell Tumor Malignant											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
*Lung:											
Sarcoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Lymph Node:											
Fibrous Histiocytoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Lymph Node:											
Hemangioma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Lymph Node:											
Hemangiosarcoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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 Report Date: 05/04/2011

		Male			Female		
#Lymph Node:							
Plasma Cell Tumor Malignant							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Lymph Node:							
Sarcoma							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Lymph Node, Bronchial:							
Hemangiosarcoma							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Lymph Node, Mandibular:							
Fibrous Histiocytoma							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Lymph Node, Mandibular:							
Hemangiosarcoma							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Lymph Node, Mandibular:							
Mast Cell Tumor Malignant							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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 Report Date: 05/04/2011

		Male				Female			
#Lymph Node, Mandibular:									
Plasma Cell Tumor Malignant									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Lymph Node, Mesenteric:									
Fibrous Histiocytoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Lymph Node, Mesenteric:									
Hemangioma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Lymph Node, Mesenteric:									
Hemangiosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Lymph Node, Mesenteric:									
Plasma Cell Tumor Malignant									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Mammary Gland:									
Adenoacanthoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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 Report Date: 05/04/2011

		Male				Female					
#Mammary Gland: Adenoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Mammary Gland: Carcinoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Mammary Gland: Carcinoma or Adenoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Mammary Gland: Fibroadenoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Mammary Gland: Fibroma, Fibroadenoma or Adenoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Mammary Gland: Fibroma, Fibroadenoma, Carcinoma, or Adenoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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 Report Date: 05/04/2011

		Male				Female			
#Mesentery:									
Fibrosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	3/50	(6%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	3/100	(3%)	Mean 3% SD 4.24%
.....									
#Mesentery:									
Hemangioma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
#Mesentery:									
Hemangiosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
#Mesentery:									
Sarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
*Nose:									
Hemangiosarcoma									
		1/50	(2%)	0/50	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/99	(0%)	Mean 0% SD 0%
.....									
*Nose:									
Mast Cell Tumor Malignant									
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/99	(0%)	Mean 0% SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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 Report Date: 05/04/2011

	Male				Female			
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Squamous Cell Carcinoma								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Oral Mucosa: Squamous Cell Carcinoma								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
*Ovary: Choriocarcinoma								
					0/49 (0%)	0/50 (0%)		
Overall Incidence					Total	0/99 (0%)	Mean 0%	SD 0%
.....								
*Ovary: Cystadenocarcinoma								
					0/49 (0%)	0/50 (0%)		
Overall Incidence					Total	0/99 (0%)	Mean 0%	SD 0%
.....								
*Ovary: Cystadenoma								
					3/49 (6%)	1/50 (2%)		
Overall Incidence					Total	4/99 (4.04%)	Mean 4.06%	SD 2.92%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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	Male		Female	
*Ovary:				
Fibrous Histiocytoma				
		0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	0/99 (0%)	Mean 0%	SD 0%
.....				
*Ovary:				
Granulosa Cell Tumor Benign				
		0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	0/99 (0%)	Mean 0%	SD 0%
.....				
*Ovary:				
Granulosa Cell Tumor Malignant				
		0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	0/99 (0%)	Mean 0%	SD 0%
.....				
*Ovary:				
Granulosa Cell Tumor: Benign, Malignant, NOS				
		0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	0/99 (0%)	Mean 0%	SD 0%
.....				
*Ovary:				
Hemangioma				
		0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	0/99 (0%)	Mean 0%	SD 0%
.....				
*Ovary:				
Hemangiosarcoma				
		0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	0/99 (0%)	Mean 0%	SD 0%
.....				

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

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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 Report Date: 05/04/2011

				Male					Female
*Ovary:									
Luteoma									
					0/49 (0%)		0/50 (0%)		
Overall Incidence				Total	0/99 (0%)		Mean 0%		SD 0%
.....									
*Ovary:									
Plasma Cell Tumor Malignant									
					0/49 (0%)		0/50 (0%)		
Overall Incidence				Total	0/99 (0%)		Mean 0%		SD 0%
.....									
*Ovary:									
Teratoma Benign									
					0/49 (0%)		0/50 (0%)		
Overall Incidence				Total	0/99 (0%)		Mean 0%		SD 0%
.....									
*Ovary:									
Teratoma Malignant									
					0/49 (0%)		0/50 (0%)		
Overall Incidence				Total	0/99 (0%)		Mean 0%		SD 0%
.....									
*Ovary:									
Tubulostromal Adenoma									
					0/49 (0%)		0/50 (0%)		
Overall Incidence				Total	0/99 (0%)		Mean 0%		SD 0%
.....									
*Pancreas:									
Adenoma									
		0/49 (0%)		0/49 (0%)		0/48 (0%)		0/48 (0%)	
Overall Incidence		Total	0/98 (0%)	Mean 0%	SD 0%	Total	0/96 (0%)	Mean 0%	SD 0%
.....									

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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		Male				Female			
*Pancreas:									
Carcinoma									
		0/49	(0%)	0/49	(0%)	0/48	(0%)	0/48	(0%)
Overall Incidence	Total	0/98	(0%)	Mean 0%	SD 0%	Total	0/96	(0%)	Mean 0% SD 0%
.....									
*Pancreas:									
Carcinoma or Adenoma									
		0/49	(0%)	0/49	(0%)	0/48	(0%)	0/48	(0%)
Overall Incidence	Total	0/98	(0%)	Mean 0%	SD 0%	Total	0/96	(0%)	Mean 0% SD 0%
.....									
*Pituitary Gland: Pars Distalis or Unspecified Site:									
Adenoma									
		0/47	(0%)	0/49	(0%)	4/50	(8%)	3/48	(6%)
Overall Incidence	Total	0/96	(0%)	Mean 0%	SD 0%	Total	7/98	(7.14%)	Mean 7.13% SD 1.24%
.....									
*Pituitary Gland: Pars Distalis or Unspecified Site:									
Carcinoma									
		0/47	(0%)	0/49	(0%)	0/50	(0%)	0/48	(0%)
Overall Incidence	Total	0/96	(0%)	Mean 0%	SD 0%	Total	0/98	(0%)	Mean 0% SD 0%
.....									
*Pituitary Gland: Pars Distalis or Unspecified Site:									
Carcinoma or Adenoma									
		0/47	(0%)	0/49	(0%)	4/50	(8%)	3/48	(6%)
Overall Incidence	Total	0/96	(0%)	Mean 0%	SD 0%	Total	7/98	(7.14%)	Mean 7.13% SD 1.24%
.....									
*Pituitary Gland: Pars Intermedia:									
Adenoma									
		0/47	(0%)	0/49	(0%)	0/50	(0%)	0/48	(0%)
Overall Incidence	Total	0/96	(0%)	Mean 0%	SD 0%	Total	0/98	(0%)	Mean 0% SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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 Report Date: 05/04/2011

		Male				Female			
*Pituitary Gland: Pars Intermedia:									
Carcinoma or Adenoma									
		0/47	(0%)	0/49	(0%)	0/50	(0%)	0/48	(0%)
Overall Incidence	Total	0/96	(0%)	Mean 0%	SD 0%	Total	0/98	(0%)	Mean 0% SD 0%
.....									
*Prostate:									
Adenoma									
		0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%				
.....									
*Prostate:									
Carcinoma or Adenoma									
		0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%				
.....									
*Prostate:									
Hemangioma									
		0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%				
.....									
*Salivary Glands:									
Adenoma									
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/99	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
*Salivary Glands:									
Carcinoma or Adenoma									
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/99	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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 Report Date: 05/04/2011

		Male				Female					
*Salivary Glands:											
Mast Cell Tumor Malignant											
		0/50	(0%)	0/49	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/99	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Seminal Vesicle:											
Adenoma											
		0/50	(0%)	0/50	(0%)						
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%						
.....											
#Skeletal Muscle:											
Fibrosarcoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Skeletal Muscle:											
Hemangiosarcoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Skeletal Muscle:											
Myxosarcoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Skeletal Muscle:											
Rhabdomyosarcoma											
		1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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 Report Date: 05/04/2011

	Male					Female					
#Skeletal Muscle:											
Rhabdomyosarcoma or Rhabdomyoma											
		1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Skeletal Muscle:											
Sarcoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Basal Cell Adenoma or Basosquamous Tumor Benign											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Basal Cell Carcinoma											
		0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Basal Cell Carcinoma or Basosquamous Tumor (malignant or NOS)											
		0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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	Male					Female				
#Skin:										
Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma										
Overall Incidence	Total	0/50 (0%)	1/50 (2%)	Mean 1%	SD 1.41%	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		1/100 (1%)					0/100 (0%)			
#Skin:										
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma										
Overall Incidence	Total	0/50 (0%)	1/50 (2%)	Mean 1%	SD 1.41%	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		1/100 (1%)					0/100 (0%)			
#Skin:										
Basosquamous Tumor Benign										
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		0/100 (0%)					0/100 (0%)			
#Skin:										
Fibroma										
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		0/100 (0%)					0/100 (0%)			
#Skin:										
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma										
Overall Incidence	Total	1/50 (2%)	0/50 (0%)	Mean 1%	SD 1.41%	Total	2/50 (4%)	2/50 (4%)	Mean 4%	SD 0%
		1/100 (1%)					4/100 (4%)			
#Skin:										
Fibrosarcoma										
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	1/50 (2%)	Mean 1%	SD 1.41%
		0/100 (0%)					1/100 (1%)			

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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 Report Date: 05/04/2011

	Male					Female				
#Skin:										
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma										
		1/50	(2%)	0/50	(0%)		2/50	(4%)	2/50	(4%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	4/100	(4%)	Mean 4%	SD 0%
.....										
#Skin:										
Fibrous Histiocytoma										
		1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%
.....										
#Skin:										
Granular Cell Tumor Benign										
		0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%
.....										
#Skin:										
Hemangioma										
		1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%
.....										
#Skin:										
Hemangiosarcoma										
		1/50	(2%)	0/50	(0%)		2/50	(4%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	2/100	(2%)	Mean 2%	SD 2.83%
.....										
#Skin:										
Keratoacanthoma										
		0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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		Male				Female					
#Skin:											
Lipoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Mast Cell Tumor Benign											
		0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
#Skin:											
Mast Cell Tumor Malignant											
		0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Melanoma Benign											
		0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Melanoma Malignant											
		0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Myxosarcoma											
		0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	

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

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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 Report Date: 05/04/2011

		Male			Female		
#Skin:							
Neural Crest Tumor							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Skin:							
Neurofibroma or Schwannoma benign							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Skin:							
Neurofibrosarcoma or Schwannoma (malignant or NOS)							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Skin:							
Neurofibrosarcoma, Neurofibroma, or Schwannoma (benign, malignant or NOS)							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Skin:							
Osteosarcoma							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Skin:							
Sarcoma							
		0/50 (0%)	0/50 (0%)		2/50 (4%)	1/50 (2%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	3/100 (3%)	Mean 3% SD 1.41%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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		Male			Female		
#Skin:							
Schwannoma Benign							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Skin:							
Schwannoma Malignant							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Skin:							
Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma							
		0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Skin:							
Squamous Cell Papilloma							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Skin:							
Squamous Cell Papilloma or Papilloma							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Skin:							
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%

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

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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		Male				Female			
#Skin:									
Squamous Cell Papilloma, Papilloma, or Keratoacanthoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
#Skin:									
Trichoepithelioma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
#Skin: Sebaceous Gland:									
Adenoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
#Skin: Sebaceous Gland:									
Carcinoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
#Skin: Sebaceous Gland:									
Carcinoma or Adenoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
#Spinal Cord:									
Hemangiosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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 Report Date: 05/04/2011

		Male				Female			
#Spinal Cord:									
Meningioma Malignant									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
*Spleen:									
Fibrous Histiocytoma									
		0/46	(0%)	0/49	(0%)	0/46	(0%)	0/48	(0%)
Overall Incidence	Total	0/95	(0%)	Mean 0%	SD 0%	Total	0/94	(0%)	Mean 0% SD 0%
.....									
*Spleen:									
Hemangioma									
		0/46	(0%)	0/49	(0%)	0/46	(0%)	0/48	(0%)
Overall Incidence	Total	0/95	(0%)	Mean 0%	SD 0%	Total	0/94	(0%)	Mean 0% SD 0%
.....									
*Spleen:									
Hemangiosarcoma									
		1/46	(2%)	2/49	(4%)	1/46	(2%)	1/48	(2%)
Overall Incidence	Total	3/95	(3.16%)	Mean 3.13%	SD 1.35%	Total	2/94	(2.13%)	Mean 2.13% SD 0.06%
.....									
*Spleen:									
Mast Cell Tumor Malignant									
		0/46	(0%)	0/49	(0%)	0/46	(0%)	0/48	(0%)
Overall Incidence	Total	0/95	(0%)	Mean 0%	SD 0%	Total	0/94	(0%)	Mean 0% SD 0%
.....									
*Spleen:									
Plasma Cell Tumor Malignant									
		0/46	(0%)	0/49	(0%)	0/46	(0%)	0/48	(0%)
Overall Incidence	Total	0/95	(0%)	Mean 0%	SD 0%	Total	0/94	(0%)	Mean 0% SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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 Report Date: 05/04/2011

		Male				Female			
#Stomach, Forestomach:									
Mast Cell Tumor Malignant									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Stomach, Forestomach:									
Squamous Cell Carcinoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Stomach, Forestomach:									
Squamous Cell Carcinoma or Papilloma Squamous									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1%
									SD 1.41%
.....									
#Stomach, Forestomach:									
Squamous Cell Papilloma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1%
									SD 1.41%
.....									
#Stomach, Glandular:									
Adenoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Stomach, Glandular:									
Carcinoma or Adenoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%

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#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
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 Strain: B6C3F1
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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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 Report Date: 05/04/2011

		Male				Female			
*Testes:									
Adenoma									
		0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%				
.....									
*Thymus:									
Thymoma Benign									
		0/41	(0%)	0/49	(0%)	0/45	(0%)	0/46	(0%)
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/91	Mean 0%	SD 0%
.....									
*Thymus:									
Thymoma Malignant									
		0/41	(0%)	0/49	(0%)	0/45	(0%)	0/46	(0%)
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/91	Mean 0%	SD 0%
.....									
*Thymus:									
Thymoma: Benign, Malignant, NOS									
		0/41	(0%)	0/49	(0%)	0/45	(0%)	0/46	(0%)
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/91	Mean 0%	SD 0%
.....									
*Thyroid Gland: C-Cell:									
Carcinoma									
		0/49	(0%)	0/50	(0%)	0/48	(0%)	0/50	(0%)
Overall Incidence	Total	0/99	(0%)	Mean 0%	SD 0%	Total	0/98	Mean 0%	SD 0%
.....									
*Thyroid Gland: C-Cell:									
Carcinoma or Adenoma									
		0/49	(0%)	0/50	(0%)	0/48	(0%)	0/50	(0%)
Overall Incidence	Total	0/99	(0%)	Mean 0%	SD 0%	Total	0/98	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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		Male			Female		
*Thyroid Gland: Follicular Cell: Adenoma							
		1/49 (2%)	1/50 (2%)		0/48 (0%)	1/50 (2%)	
Overall Incidence	Total	2/99 (2.02%)	Mean 2.02%	SD 0.03%	Total	1/98 (1.02%)	Mean 1% SD 1.41%
.....							
*Thyroid Gland: Follicular Cell: Carcinoma							
		0/49 (0%)	0/50 (0%)		0/48 (0%)	0/50 (0%)	
Overall Incidence	Total	0/99 (0%)	Mean 0%	SD 0%	Total	0/98 (0%)	Mean 0% SD 0%
.....							
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma							
		1/49 (2%)	1/50 (2%)		0/48 (0%)	1/50 (2%)	
Overall Incidence	Total	2/99 (2.02%)	Mean 2.02%	SD 0.03%	Total	1/98 (1.02%)	Mean 1% SD 1.41%
.....							
#Tissue NOS: Fibrosarcoma							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Tissue NOS: Hemangiosarcoma							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Tissue NOS: Plasma Cell Tumor Malignant							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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		Male				Female					
#Tissue NOS:											
Sarcoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Tongue:											
Fibroma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Tongue:											
Squamous Cell Carcinoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Tongue:											
Squamous Cell Carcinoma or Papilloma Squamous											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Tooth:											
Odontoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
*Urinary Bladder:											
Hemangiosarcoma											
		0/45	(0%)	0/49	(0%)			0/44	(0%)	0/50	(0%)
Overall Incidence	Total	0/94	(0%)	Mean 0%	SD 0%	Total	0/94	(0%)	Mean 0%	SD 0%	

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#: Denominator is number of animals necropsied

Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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		Male			Female		
*Urinary Bladder:							
Plasma Cell Tumor Malignant							
		0/45 (0%)	0/49 (0%)		0/44 (0%)	0/50 (0%)	
Overall Incidence	Total	0/94 (0%)	Mean 0%	SD 0%	Total	0/94 (0%)	Mean 0% SD 0%
.....							
*Urinary Bladder:							
Sarcoma							
		0/45 (0%)	0/49 (0%)		0/44 (0%)	0/50 (0%)	
Overall Incidence	Total	0/94 (0%)	Mean 0%	SD 0%	Total	0/94 (0%)	Mean 0% SD 0%
.....							
#Uterus:							
Adenoma							
					1/50 (2%)	0/50 (0%)	
Overall Incidence	Total				1/100 (1%)	Mean 1%	SD 1.41%
.....							
#Uterus:							
Carcinoma							
					0/50 (0%)	0/50 (0%)	
Overall Incidence	Total				0/100 (0%)	Mean 0%	SD 0%
.....							
#Uterus:							
Hemangiosarcoma							
					0/50 (0%)	0/50 (0%)	
Overall Incidence	Total				0/100 (0%)	Mean 0%	SD 0%
.....							
#Uterus:							
Leiomyoma							
					0/50 (0%)	0/50 (0%)	
Overall Incidence	Total				0/100 (0%)	Mean 0%	SD 0%

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Version: May2011
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 Species: MICE
 Strain: B6C3F1
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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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	Male	Female
#Uterus: Leiomyosarcoma		
	0/50 (0%)	0/50 (0%)
Overall Incidence	Total 0/100 (0%)	Mean 0% SD 0%
#Uterus: Polyp Stromal		
	2/50 (4%)	1/50 (2%)
Overall Incidence	Total 3/100 (3%)	Mean 3% SD 1.41%
#Uterus: Sarcoma		
	0/50 (0%)	0/50 (0%)
Overall Incidence	Total 0/100 (0%)	Mean 0% SD 0%
#Uterus: Sarcoma Stromal		
	0/50 (0%)	0/50 (0%)
Overall Incidence	Total 0/100 (0%)	Mean 0% SD 0%
#Uterus: Sarcoma Stromal or Polyp Stromal		
	2/50 (4%)	1/50 (2%)
Overall Incidence	Total 3/100 (3%)	Mean 3% SD 1.41%
#Uterus: Schwannoma Malignant		
	0/50 (0%)	0/50 (0%)
Overall Incidence	Total 0/100 (0%)	Mean 0% SD 0%

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Version: May2011
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1
 Length of Study: CHRONIC

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

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Male					Female												
#Vagina:																	
Liposarcoma																	
					0/50	(0%)			0/50	(0%)							
Overall Incidence					Total	0/100	(0%)	Mean	0%	SD 0%							
.....																	
#Vagina:																	
Squamous Cell Papilloma																	
					0/50	(0%)			1/50	(2%)							
Overall Incidence					Total	1/100	(1%)	Mean	1%	SD 1.41%							
.....																	
#Zymbal's Gland:																	
Carcinoma																	
		0/50	(0%)	0/50	(0%)			0/50	(0%)								
Overall Incidence		Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/50	(0%)	0/50	(0%)	Mean	0%	SD	0%
.....																	
#Zymbal's Gland:																	
Carcinoma or Adenoma																	
		0/50	(0%)	0/50	(0%)			0/50	(0%)								
Overall Incidence		Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/50	(0%)	0/50	(0%)	Mean	0%	SD	0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied