

NTP Historical Controls Report

By Route and Vehicle

MICE

December 2020

This report shows the tumor rates of control group animals from selected studies. The studies used are shown on the Study Summary page.

This report is broken up into sections based on the route and vehicle used to deliver the chemical. The Table of Contents on Page 3 shows the different Route/Vehicle combinations. To see the data from all routes and vehicles combined into one set, you must run the "All Routes" report.

The individual tumor rates shown on the data pages of the report relate to the Study Summary page as follows: the tumor rates are shown in the same order as the Study Summary page, except that they are grouped horizontally in sets of three, with the males in the first set of three and the females in the second set. For example if the study summary showed the studies like this:

Male M1 M2 M3 M4 M5 Female F1 F2 F3 F4 F5

the data would be shown as:

	Male			Female	
M1	M2	M3	F1	F2	F3
M4	M5		F4	F5	

Directly beneath the individual tumor rates on the data pages are the overall totals for that tumor/site combination. This includes the total tumors/animals, the overall mean (in parentheses), the mean of the study means, and the standard deviation of the study means.

Studies with no control animals of a particular gender are listed on the summary page with the Number of Animals shown as zero and the Start Date and Length of Study shown as "N/A". On the data pages there are blank spaces where tumor rates for these studies would normally be found, so that the male and female rates for the remaining studies can be easily compared.

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Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC

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

				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 Columbus Laboratory	052000604	04/03/07	730	50(1)	26(663)	55.6	Indole-3-carbinol
Southern Research Institute	052020904	02/25/08	729	50(1)	29(657)	55.3	Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]
Battelle Columbus Laboratory	052032004	08/07/07	730	50(1)	33(687)	55.8	Tetrabromobisphenol A
					Female		
Battelle Columbus Laboratory	052000604	04/02/07	729	50(5)	33(702)	66.6	Indole-3-carbinol
Southern Research Institute	052020904	02/25/08	731	50(5)	33(679)	57.7	Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]
Battelle Columbus Laboratory	052032004	08/06/07	729	50(5)	40(711)	66.5	Tetrabromobisphenol A

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Page: 5 Report Da	te: 12/18/2020				
			Male		Female			
#All Organs: Benign Tumors Overall Incidence	Total	33/50 (66%)	30/50 (60%) Mean 67.33%	38/50 (76%) SD 8.08%	Total	17/50 (34%) 63/150 (42%)	24/50 (48%) Mean 42%	22/50 (44%) SD 7.21%
	Total	101/150 (67.33%)			Total			
#All Organs: Malignant Tumors								
Overall Incidence	Total	27/50 (54%) 75/150 (50%)	27/50 (54%) Mean 50%	21/50 (42%) SD 6.93%	Total	19/50 (38%) 53/150 (35.33%)	16/50 (32%) Mean 35.33%	18/50 (36%) SD 3.06%
#All Organs: Malignant and Benign Tumo								
Overall Incidence	Total	48/50 (96%) 135/150 (90%)	40/50 (80%) Mean 90%	47/50 (94%) SD 8.72%	Total	30/50 (60%) 96/150 (64%)	34/50 (68%) Mean 64%	32/50 (64%) SD 4%
#All Organs: Hemangioma								
Overall Incidence	Total	0/50 (0%) 2/150 (1.33%)	0/50 (0%) Mean 1.33%	2/50 (4%) SD 2.31%	Total	1/50 (2%) 3/150 (2%)	1/50 (2%) Mean 2%	1/50 (2%) SD 0%
#All Organs: Hemangiosarcoma								
Overall Incidence	Total	4/50 (8%) 6/150 (4%)	1/50 (2%) Mean 4%	1/50 (2%) SD 3.46%	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%
#All Organs: Hemangiosarcoma or Hema	ngioma	4/50 (8%)	4/50 (20/1)			1/50 (20/.)		2/50 (49/)
Overall Incidence	Total	8/150 (5.33%)	1/50 (2%) Mean 5.33%	3/50 (6%) SD 3.06%	Total	1/50 (2%) 4/150 (2.67%)	1/50 (2%) Mean 2.67%	2/50 (4%) SD 1.15%

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

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Page: 6 Report Date: 12/18/2020					
			Male				Female	
#All Organs: Histiocytic Sarcoma		0/50 (49/)	4/50 (00/)	0/50 (00/)		4/50 (00()	4/50 (00/)	4/50 (0%)
Overall Incidence	Total	2/50 (4%) 3/150 (2%)	1/50 (2%) Mean 2%	0/50 (0%) SD 2%	Total	1/50 (2%) 3/150 (2%)	1/50 (2%) Mean 2%	1/50 (2%) SD 0%
#All Organs: Leukemia: Lymphocytic, Mo		-	ntiated					
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#All Organs: Malignant Lymphoma: Histi Overall Incidence	Total	3/50 (6%) 11/150 (7.33%)	5/50 (10%) Mean 7.33%	3/50 (6%) SD 2.31%	Total	6/50 (12%) 22/150 (14.67%)	7/50 (14%) Mean 14.67%	9/50 (18%) SD 3.06%
#All Organs: Malignant Schwannoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
#All Organs: Osteosarcoma		0/50 /02()	0/50 (001)	0/50 (001)		0/50 /00/1	0/50 (0)()	0/50 (00/)
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#All Organs: Osteosarcoma or Osteoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	3		Toxico l Tumor Incider	Page: 7 Report Date: 12/18/2020				
			Male		Female			
*Adrenal Cortex: Adenoma Overall Incidence	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%	Total	2/49 (4%) 2/149 (1.34%)	0/50 (0%) Mean 1.36%	0/50 (0%) SD 2.36%
*Adrenal Medulla:								
Pheochromocytoma Benig	n			0/50 (00/)				(00)
Overall Incidence	Total	0/50 (0%) 1/150 (0.67%)	1/50 (2%) Mean 0.67%	0/50 (0%) SD 1.15%	Total	0/49 (0%) 1/148 (0.68%)	0/49 (0%) Mean 0.67%	1/50 (2%) SD 1.15%
*Adrenal Medulla: Pheochromocytoma Malig	nant	0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/49 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/148 (0%)	Mean 0%	SD 0%
*Adrenal Medulla: Pheochromocytoma: Benig	gn, Complex	c, Malignant, NOS 0/50 (0%)	1/50 (2%)	0/50 (0%)		0/49 (0%)	0/49 (0%)	1/50 (2%)
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	1/148 (0.68%)	Mean 0.67%	SD 1.15%
#Blood Vessel: Hemangioma		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
#Blood Vessel: Hemangiosarcoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%

Version: Dec2020
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1/N
Length of Study: CHRONIC

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

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			Male				Female	
*Bone Marrow: Hemangiosarcoma		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/149 (0%)	Mean 0%	SD 0%
Bone Marrow: Mast Cell Tumor Malignant		0/50 (0%)	0/50 (0%)					0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	SD 0%
Bone Marrow: Sarcoma								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%
Bone: Fibroma								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%
Bone: Hemangioma								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Bone: Hemangiosarcoma								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%

*: Denominator is number of animals with tissues examined microscopically

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	i			Page: 9 Report Date: 12/18/2020				
			Male	Female				
#Bone: Osteosarcoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Bone: Osteosarcoma or Osteoma	1						- /	- /
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Bone: Sarcoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
*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, Malig								
Overall Incidence	Total	0/100 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/100 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
*Clitoral/Preputial Gland: Mast Cell Tumor		0/50 (0%)	0/50 (0%)			0/49 (0%)	0/49 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/148 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Page: 10 Report Date: 12/18/2020					
			Male	Female				
#Coagulating Gland: Granular Cell Tumor		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%
#Coagulating Gland: Sarcoma								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
*Epididymis: Mast Cell Tumor		0/50 (0%)	0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%				
#Harderian Gland: Adenoma								
Overall Incidence	Total	6/50 (12%) 18/150 (12%)	5/50 (10%) Mean 12%	7/50 (14%) SD 2%	Total	3/50 (6%) 14/150 (9.33%)	9/50 (18%) Mean 9.33%	2/50 (4%) SD 7.57%
#Harderian Gland: Carcinoma								
Overall Incidence	Total	1/50 (2%) 3/150 (2%)	1/50 (2%) Mean 2%	1/50 (2%) SD 0%	Total	0/50 (0%) 2/150 (1.33%)	1/50 (2%) Mean 1.33%	1/50 (2%) SD 1.15%
#Harderian Gland: Carcinoma or Adenoma				- / //				
Overall Incidence	Total	7/50 (14%) 21/150 (14%)	6/50 (12%) Mean 14%	8/50 (16%) SD 2%	Total	3/50 (6%) 16/150 (10.67%)	10/50 (20%) Mean 10.67%	3/50 (6%) SD 8.08%

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

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC

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

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			Male				Female	
#Harderian Gland: Mast Cell Tumor		0/50 / (00/)	0/50 (00//)	0/50 /02/		0/50 (00%)	0/50 (00/)	0/50 (0)()
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Heart: Hemangiosarcoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
Intestine Large: Cecum: Leiomyosarcoma		0/50 (00/)	0/50 (0)/)	0/50 (00/)		4/50 (00/)	0/50 (00/)	0/50 (0)()
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	1/50 (2%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	0/50 (0%) SD 1.15%
ntestine Small: Duodenum: Adenoma								
Overall Incidence	Total	2/50 (4%) 2/150 (1.33%)	0/50 (0%) Mean 1.33%	0/50 (0%) SD 2.31%	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%
Intestine Small: Duodenum: Carcinoma								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Intestine Small: Duodenum: Polyp Adenomatous								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%

*: Denominator is number of animals with tissues examined microscopically

Version: Dec2020
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1/N
Length of Study: CHRONIC

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

Page: 12 Report Date: 12/18/2020

			Male				Female	
#Intestine Small: Ileum: Adenoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Intestine Small: Jejunum: Adenoma								
Overall Incidence	Total	1/50 (2%) 2/150 (1.33%)	0/50 (0%) Mean 1.33%	1/50 (2%) SD 1.15%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Intestine Small: Jejunum: Carcinoma								
Overall Incidence	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
fIntestine Small: Jejunum: Leiomyosarcoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
#Intestine Small: Jejunum: Mast Cell Tumor								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Intestine Small: Site Unspec Adenoma	ified:							
Overall Incidence	Total	3/50 (6%) 4/150 (2.67%)	0/50 (0%) Mean 2.67%	1/50 (2%) SD 3.06%	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%

*: Denominator is number of animals with tissues examined microscopically

Version: Dec2020
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1/N
Length of Study: CHRONIC

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

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			Male				Female	
#Intestine Small: Site Unsp Carcinoma	pecified:							
Overall Incidence	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Intestine Small: Site Unsp Carcinoma or Adenoma								
Overall Incidence	Total	3/50 (6%) 5/150 (3.33%)	0/50 (0%) Mean 3.33%	2/50 (4%) SD 3.06%	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%
Intestine Small: Site Unsp Leiomyosarcoma	becified:							
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	1/50 (2%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	0/50 (0%) SD 1.15%
Intestine Small: Site Unsp Mast Cell Tumor								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Intestine Small: Site Unsp Polyp Adenomatous								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Islets, Pancreatic: Adenoma								
Overall Incidence	Total	1/50 (2%) 2/150 (1.33%)	1/50 (2%) Mean 1.33%	0/50 (0%) SD 1.15%	Total	0/50 (0%) 1/150 (0.67%)	1/50 (2%) Mean 0.67%	0/50 (0%) SD 1.15%

*: Denominator is number of animals with tissues examined microscopically

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	5		Page: 14 Report Date: 12/18/2020					
			Male	Female				
*Islets, Pancreatic: Carcinoma Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
*Islets, Pancreatic: Carcinoma or Adenoma		1/50 (2%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
*Kidney: Renal Tubule: Adenoma Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
*Kidney: Renal Tubule: Carcinoma						0/50 (09()		0/50 (0%)
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
*Kidney: Renal Tubule: Carcinoma or Adenoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)

Mean 0%

(0%)

0/50

SD 0%

0/50

(0%)

Total

Total

.

.

0/150 (0%)

0/50

0/150 (0%)

(0%)

0/50

SD 0%

SD 0%

Mean 0%

Mean 0%

(0%)

0/50

(0%)

*Kidney: Renal Tubule:

Overall Incidence

Hemangiosarcoma

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

(0%)

0/150 (0%)

0/50

..... *: Denominator is number of animals with tissues examined microscopically

Total

.....

Version: Dec2020
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1/N
Length of Study: CHRONIC

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

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			Male					Female	
*Kidney: Renal Tubule: Mast Cell Tumor		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	()	Total	0/150 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Renal Mesenchymal Tumor		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	(0%)	Total	0/150 (0%)	Mean 0%	SD 0%
*Liver: Cholangiocarcinoma		0/50 (0%)	0/50 (00%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 SD 0%	(0%)	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Liver: Hemangioma									
Overall Incidence	Total	0/50 (0%) 2/150 (1.33%)	0/50 (0%) Mean 1.33%	2/50 SD 2.31%	(4%) %	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
'Liver: Hemangiosarcoma									
Overall Incidence	Total	4/50 (8%) 4/150 (2.67%)	0/50 (0%) Mean 2.67%	0/50 SD 4.62%	(0%) %	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
*Liver: Hepatoblastoma				- /	· · · · · · ·				
Overall Incidence	Total	3/50 (6%) 6/150 (4%)	1/50 (2%) Mean 4%	2/50 SD 2%	(4%)	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%

*: Denominator is number of animals with tissues examined microscopically

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicol Tumor Incider	Page: 16 Report Date: 12/18/2020				
			Male	Female				
*Liver: Hepatocellular Adenoma		26/50 (52%)	23/50 (46%)	32/50 (64%)		7/50 (14%)	5/50 (10%)	13/50 (26%)
Overall Incidence	Total	81/150 (54%)	Mean 54%	SD 9.17%	Total	25/150 (16.67%)	Mean 16.67%	SD 8.33%
*Liver: Hepatocellular Carcinoma		12/50 (24%)	18/50 (36%)	11/50 (22%)		6/50 (12%)	4/50 (8%)	2/50 (4%)
Overall Incidence	Total	41/150 (27.33%)	Mean 27.33%	SD 7.57%	Total	12/150 (8%)	Mean 8%	SD 4%
*Liver: Hepatocellular Carcinoma o Overall Incidence	Total	15/50 (30%) 45/150 (30%)	18/50 (36%) Mean 30%	12/50 (24%) SD 6%	Total	6/50 (12%) 12/150 (8%)	4/50 (8%) Mean 8%	2/50 (4%) SD 4%
*Liver: Hepatocellular Carcinoma o Overall Incidence			31/50 (62%) Mean 70%	39/50 (78%) SD 8%	Total	12/50 (24%) 35/150 (23.33%)	8/50 (16%) Mean 23.33%	15/50 (30%) SD 7.02%
						· · · · ·		
*Liver: Hepatocellular Carcinoma, H	lepatocell	ular Adenoma, or Hepatok 36/50 (72%)	blastoma 31/50 (62%)	39/50 (78%)		12/50 (24%)	8/50 (16%)	15/50 (30%)
Overall Incidence	Total	106/150 (70.67%)	Mean 70.67%	SD 8.08%	Total	35/150 (23.33%)	Mean 23.33%	SD 7.02%
*Liver: Hepatocholangiocarcinoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC

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

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			Male				Female		
Liver: Ito Cell Tumor Benign									
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
Liver: Mast Cell Tumor									
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
Lung: Alveolar/Bronchiolar Ac	lenoma	4/50 (8%)	5/50 (10%)	6/50 (12%)		1/50 (2%)	1/50 (2%)	5/50 (10%)	
Overall Incidence	Total	15/150 (10%)	Mean 10%	SD 2%	Total	7/150 (4.67%)	1/50 (2%) Mean 4.67%	SD 4.62%	
Lung: Alveolar/Bronchiolar Ca									
Overall Incidence	Total	4/50 (8%) 13/150 (8.67%)	5/50 (10%) Mean 8.67%	4/50 (8%) SD 1.15%	Total	2/50 (4%) 3/150 (2%)	0/50 (0%) Mean 2%	1/50 (2%) SD 2%	
Lung:		veolar/Bronchiolar Adeno	ma						
Overall Incidence	Total	8/50 (16%) 28/150 (18.67%)	10/50 (20%) Mean 18.67%	10/50 (20%) SD 2.31%	Total	3/50 (6%) 10/150 (6.67%)	1/50 (2%) Mean 6.67%	6/50 (12%) SD 5.03%	
Lung: Hemangiosarcoma									
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	

*: Denominator is number of animals with tissues examined microscopically

Version: Dec2020
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1/N
Length of Study: CHRONIC

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

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			Male					Female	
*Lung: Mast Cell Tumor		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	`	Total	0/150 (0%)	Mean 0%	SD 0%
#Lymph Node: Hemangiosarcoma		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	、	Total	0/150 (0%)	Mean 0%	SD 0%
#Lymph Node: Mast Cell Tumor		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	(078)	Total	0/150 (0%)	Mean 0%	SD 0%
Lymph Node, Mandibular: Mast Cell Tumor		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	()	Total	0/150 (0%)	Mean 0%	SD 0%
Lymph Node, Mandibular: Mast Cell Tumor Malignant									
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 SD 0%	(0%)	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Lymph Node, Mesenteric: Hemangioma			- ((00()		-/ /	- / / /	- /
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 SD 0%	(0%)	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%

*: Denominator is number of animals with tissues examined microscopically

Version: Dec2020
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1/N
Length of Study: CHRONIC

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

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			Male					Female	
#Lymph Node, Mesenteric: Hemangiosarcoma		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50 (0%)	0/50 (00())	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	0/50 (0%) Mean 0%	0/50 SD 0%	(0%)	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Lymph Node, Mesenteric: Mast Cell Tumor									
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 SD 0%	(0%)	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Lymph Node, Mesenteric: Mast Cell Tumor Malignant									
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 SD 0%	(0%)	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Mammary Gland: Adenoma			- ((00()				- ()
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 SD 0%	(0%)	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Mammary Gland: Carcinoma									
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 SD 0%	(0%)	Total	1/50 (2%) 2/150 (1.33%)	1/50 (2%) Mean 1.33%	0/50 (0%) SD 1.15%
Mammary Gland: Carcinoma or Adenoma									
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 SD 0%	(0%)	Total	1/50 (2%) 2/150 (1.33%)	1/50 (2%) Mean 1.33%	0/50 (0%) SD 1.15%

*: Denominator is number of animals with tissues examined microscopically

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	5			by Data Management ce for Selected Control A Route: GAVAGE Vehicle: CORN OIL		Page: 20 Report Date: 12/18/2020				
			Male			Female				
#Mammary Gland: Fibroma, Fibroadenoma or Adenoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%		
#Mammary Gland: Fibroma, Fibroadenoma, C		Adenoma 0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	1/50 (2%)	0/50 (0%)		
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%		
#Mesentery: Hemangioma Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%		
#Mesentery: Hemangiosarcoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%		
#Mesentery: Lipoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%		
#Mesentery: Sarcoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%		

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC

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

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			Male				Female	
*Nose: Adenoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (00/)	0/50 (00/)	
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
'Nose: Carcinoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
Nose: Polyp		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (00/.)	0/50 (00/.)	0/50 (0%)
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
tOral Cavity (Oral Mucos Papilloma Squamous o	sa, Tongue, Phary	ynx, Tooth, Gingiva):						
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%
Oral Cavity (Oral Mucos Squamous Cell Carcin	sa, Tongue, Phary							
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%
#Oral Cavity (Oral Mucos	sa, Tongue, Phary	ynx, Tooth, Gingiva): Squamous, or Papilloma						
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	2/50 (4%)

*: Denominator is number of animals with tissues examined microscopically

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicolo Tumor Incidenc		Page: 22 Report Date: 12/18/2020				
			Male			Female			
#Oral Mucosa: Squamous Cell Carcinoma	T / 1	0/50 (0%)	0/50 (0%)	0/50 (0%)	T	0/50 (0%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total 0.	/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	
*Ovary: Cystadenocarcinoma						0/50 (0%)	0/48 (0%)	0/50 (0%)	
Overall Incidence					Total	0/148 (0%)	Mean 0%	SD 0%	
*Ovary: Cystadenoma						4/50 (20/)		2/50 (49/)	
Overall Incidence					Total	1/50 (2%) 5/148 (3.38%)	2/48 (4%) Mean 3.39%	2/50 (4%) SD 1.21%	
*Ovary: Granulosa Cell Tumor Benig	gn					0/50 (00/)		0/50 (00/)	
Overall Incidence					Total	0/50 (0%) 1/148 (0.68%)	1/48 (2%) Mean 0.69%	0/50 (0%) SD 1.2%	
*Ovary: Granulosa Cell Tumor Malig	gnant					- <i>(</i>)	-/	- /	
Overall Incidence					Total	0/50 (0%) 0/148 (0%)	0/48 (0%) Mean 0%	0/50 (0%) SD 0%	
*Ovary: Granulosa Cell Tumor: Beni	ign, Malignant, NO	s				0/50 /00/)	4/40 (00()	0/50 (0%)	
Overall Incidence					Total	0/50 (0%) 1/148 (0.68%)	1/48 (2%) Mean 0.69%	0/50 (0%) SD 1.2%	
*: Denominator is number of animals #: Denominator is number of animals		d microscopically				- (,			

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Grou Route: GAVAGE Vehicle: CORN OIL	Page: 23 Report Date: 12/18/2020					
	Male		Female				
*Ovary: Granulosa-Theca Tumor Malignant		0/50 (0%)	0/48 (0%)	0/50 (0%)			
Overall Incidence	Total	0/148 (0%)	Mean 0%	SD 0%			
*Ovary: Hemangioma			-/ />				
Overall Incidence	Total	0/50 (0%) 0/148 (0%)	0/48 (0%) Mean 0%	0/50 (0%) SD 0%			
*Ovary: Hemangiosarcoma			-/ //	- ()			
Overall Incidence	Total	0/50 (0%) 0/148 (0%)	0/48 (0%) Mean 0%	0/50 (0%) SD 0%			
Ovary: Luteoma		0/50 (0%)	0/40 (0%)	0/50 (00/)			
Overall Incidence	Total	0/50 (0%) 0/148 (0%)	0/48 (0%) Mean 0%	0/50 (0%) SD 0%			
'Ovary: Sarcoma							
Overall Incidence	Total	0/50 (0%) 0/148 (0%)	0/48 (0%) Mean 0%	0/50 (0%) SD 0%			
*Ovary: Thecoma Malignant							
Overall Incidence	Total	0/50 (0%) 0/148 (0%)	0/48 (0%) Mean 0%	0/50 (0%) SD 0%			

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Page: 24 Report Date: 12/18/2020							
			Male			Female				
*Ovary: Tubulostromal Adenoma										
Overall Incidence					Total	1/50 (2%) 1/148 (0.68%)	0/48 (0%) Mean 0.67%	0/50 (0%) SD 1.15%		
Pancreas: Mast Cell Tumor										
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%		
Parathyroid Gland: Adenoma										
Overall Incidence	Total	0/48 (0%) 0/141 (0%)	0/48 (0%) Mean 0%	0/45 (0%) SD 0%	Total	0/43 (0%) 0/121 (0%)	0/44 (0%) Mean 0%	0/34 (0%) SD 0%		
Parathyroid Gland: Carcinoma										
Overall Incidence	Total	0/48 (0%) 0/141 (0%)	0/48 (0%) Mean 0%	0/45 (0%) SD 0%	Total	0/43 (0%) 0/121 (0%)	0/44 (0%) Mean 0%	0/34 (0%) SD 0%		
Pituitary Gland: Pars Distalis Adenoma										
Overall Incidence	Total	0/50 (0%) 0/147 (0%)	0/47 (0%) Mean 0%	0/50 (0%) SD 0%	Total	3/49 (6%) 9/149 (6.04%)	5/50 (10%) Mean 6.04%	1/50 (2%) SD 4%		
Pituitary Gland: Pars Distalis Carcinoma		fied Site:								
Overall Incidence	Total	0/50 (0%) 0/147 (0%)	0/47 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/49 (0%) 0/149 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%		

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicolo Tumor Incideno	ogy Data Man ce for Selected Route: GA Vehicle: CC		Page: 25 Report Date: 12/18/2020					
			Male				Female				
*Pituitary Gland: Pars Distalis Carcinoma or Adenoma	or Unspeci	fied Site:									
Overall Incidence	Total	0/50 (0%) 0/147 (0%)	0/47 (0%) Mean 0%	SD 0%	(0%)	Total	3/49 (6%) 9/149 (6.04%)	5/50 (10%) Mean 6.04%	1/50 (2%) SD 4%		
*Pituitary Gland: Pars Interme Adenoma	edia:										
Overall Incidence	Total	0/50 (0%) 0/147 (0%)	0/47 (0%) Mean 0%	SD 0%	(0%)	Total	1/49 (2%) 1/149 (0.67%)	0/50 (0%) Mean 0.68%	0/50 (0%) SD 1.18%		
*Pituitary Gland: Pars Interme Carcinoma											
Overall Incidence	Total	0/50 (0%) 0/147 (0%)	0/47 (0%) Mean 0%	SD 0%	(0%)	Total	0/49 (0%) 0/149 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%		
*Pituitary Gland: Pars Interme Carcinoma or Adenoma		0/50 (00/)					4/40 (00%)	0/50 (0%)	0/50 (00/)		
Overall Incidence	Total	0/50 (0%) 0/147 (0%)	0/47 (0%) Mean 0%	SD 0%	(0%)	Total	1/49 (2%) 1/149 (0.67%)	0/50 (0%) Mean 0.68%	0/50 (0%) SD 1.18%		
*Pituitary Gland: Pars Interme Schwannoma Malignant											
Overall Incidence	Total	0/50 (0%) 0/147 (0%)	0/47 (0%) Mean 0%	0/50 SD 0%	(0%)	Total	0/49 (0%) 0/149 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%		
*Prostate: Hemangiosarcoma		0/50 (0%)	0/50 (0%)	0/50	(0%)						
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	(070)						

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicol Tumor Incider		Page: 26 Report Date: 12/18/2020				
			Male			Female			
*Prostate: Mast Cell Tumor		0/50 (0%)	0/50 (0%)	0/50 (0%)					
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%					
*Salivary Glands: Adenoma		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%	
*Salivary Glands: Carcinoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
*Salivary Glands: Carcinoma or Adenoma		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%	
*Salivary Glands: Hemangiosarcoma				0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (00/.)	
Overall Incidence	Total	1/50 (2%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	0/50 (0%) SD 1.15%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
*Salivary Glands: Mast Cell Tumor			0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicolo Tumor Incideno		Page: 27 Report Date: 12/18/2020			
			Male				Female	
*Salivary Glands: Myxosarcoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Seminal Vesicle: Adenoma		0/50 (0%)	0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%				
#Seminal Vesicle: Fibroma Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%				
#Skeletal Muscle: Hemangiosarcoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Skeletal Muscle: Osteosarcoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Skeletal Muscle: Rhabdomyosarcoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
*: Denominator is number of animals	with tissues o				••••••			

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				by Data Management ce for Selected Control Route: GAVAGE Vehicle: CORN OIL		Page: 28 Report Date: 12/18/2020			
			Male				Female		
#Skeletal Muscle: Rhabdomyosarcoma or Rha	abdomyoma	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)		
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	
#Skeletal Muscle: Sarcoma									
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
#Skin: Basal Cell Adenoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
#Skin: Basal Cell Adenoma or Bas	osquamous	Tumor Benign 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
#Skin: Basal Cell Adenoma, Basos		umor Benign, or Trichoep							
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
#Skin: Basal Cell Carcinoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	

Contract/Lab: All Laboratorie Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				logy Data Management s nce for Selected Control A Route: GAVAGE Vehicle: CORN OIL	-	Page: 29 Report Date: 12/18/2020			
			Male				Female		
#Skin: Basal Cell Carcinoma or I	Basosquamou	us Tumor (malignant or No 0/50 (0%)	OS) 0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	
#Skin:	asal Cell Adeno	oma, Basosquamous Tun	nor (benign, malignar	nt or		0/50 (0%)	0/50 (09/.)	1/50 (29/)	
	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%	
#Skin:		·····							
#Skin: Basal or Sq. Cell Carcino Adenoma, Papilloma, Sq Overall Incidence	oma, Carcinom Papilloma, Ke Total	a, Basosq. Tumor (M or B tratoacanthoma, Trichoep 0/50 (0%) 1/150 (0.67%)	3), Basal Cell Adenom ithelioma 0/50 (0%) Mean 0.67%	na, 1/50 (2%) SD 1.15%	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%	
#Skin: Basal or Sq. Cell Carcino Adenoma, Papilloma, Sq Overall Incidence	oma, Carcinom Papilloma, Ke Total	a, Basosq. Tumor (M or B sratoacanthoma, Trichoep 0/50 (0%) 1/150 (0.67%)	3), Basal Cell Adenom bithelioma 0/50 (0%) Mean 0.67%	na, 1/50 (2%) SD 1.15%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	
#Skin: Basal or Sq. Cell Carcino Adenoma, Papilloma, Sq Overall Incidence #Skin: Fibroma Overall Incidence	oma, Carcinoma Papilloma, Kei Total Total	a, Basosq. Tumor (M or B pratoacanthoma, Trichoep 0/50 (0%) 1/150 (0.67%) 0/50 (0%) 0/150 (0%)	3), Basal Cell Adenom bithelioma 0/50 (0%) Mean 0.67% 0/50 (0%) Mean 0%	na, 1/50 (2%) SD 1.15% 0/50 (0%) SD 0%	Total Total	1/150 (0.67%) 0/50 (0%) 0/150 (0%)	Mean 0.67% 0/50 (0%) Mean 0%	SD 1.15% 0/50 (0%) SD 0%	
#Skin: Basal or Sq. Cell Carcino Adenoma, Papilloma, Sq Overall Incidence #Skin: Fibroma Overall Incidence #Skin:	oma, Carcinoma Papilloma, Kei Total Total	a, Basosq. Tumor (M or B pratoacanthoma, Trichoep 0/50 (0%) 1/150 (0.67%) 0/50 (0%) 0/150 (0%) oma, Myxosarcoma, Malig	3), Basal Cell Adenom ithelioma 0/50 (0%) Mean 0.67% 0/50 (0%) Mean 0% gnant Fibrous Histioc	na, 1/50 (2%) SD 1.15% 0/50 (0%) SD 0% cytoma, or	Total Total	1/150 (0.67%) 0/50 (0%) 0/150 (0%)	Mean 0.67% 0/50 (0%) Mean 0%	SD 1.15% 0/50 (0%) SD 0%	
 #Skin: Basal or Sq. Cell Carcino Adenoma, Papilloma, Sq Overall Incidence #Skin: Fibroma Overall Incidence #Skin: Fibroma, Fibrosarcoma, S Hemangiopericytoma Overall Incidence 	oma, Carcinoma Papilloma, Kei Total Total Sarcoma, Myxo Total	a, Basosq. Tumor (M or B pratoacanthoma, Trichoep 0/50 (0%) 1/150 (0.67%) 0/50 (0%) 0/150 (0%) oma, Myxosarcoma, Malig 1/50 (2%) 2/150 (1.33%)	3), Basal Cell Adenom ithelioma 0/50 (0%) Mean 0.67% 0/50 (0%) Mean 0% gnant Fibrous Histioc 0/50 (0%) Mean 1.33%	na, 1/50 (2%) SD 1.15% 0/50 (0%) SD 0% cytoma, or 1/50 (2%) SD 1.15%	Total Total Total	1/150 (0.67%) 0/50 (0%) 0/150 (0%) 1/50 (2%) 3/150 (2%)	Mean 0.67% 0/50 (0%) Mean 0% 1/50 (2%) Mean 2%	SD 1.15% 0/50 (0%) SD 0% 1/50 (2%) SD 0%	
 #Skin: Basal or Sq. Cell Carcino Adenoma, Papilloma, Sq Overall Incidence #Skin: Fibroma Overall Incidence #Skin: Fibroma, Fibrosarcoma, S Hemangiopericytoma Overall Incidence #Skin: 	oma, Carcinom Papilloma, Kei Total Total Sarcoma, Myxo Total	a, Basosq. Tumor (M or B pratoacanthoma, Trichoep 0/50 (0%) 1/150 (0.67%) 0/50 (0%) 0/150 (0%) oma, Myxosarcoma, Malig 1/50 (2%) 2/150 (1.33%)	3), Basal Cell Adenom ithelioma 0/50 (0%) Mean 0.67% 0/50 (0%) Mean 0% gnant Fibrous Histion 0/50 (0%) Mean 1.33%	na, 1/50 (2%) SD 1.15% 0/50 (0%) SD 0% cytoma, or 1/50 (2%) SD 1.15%	Total Total Total	1/150 (0.67%) 0/50 (0%) 0/150 (0%) 1/50 (2%) 3/150 (2%)	Mean 0.67% 0/50 (0%) Mean 0% 1/50 (2%) Mean 2%	SD 1.15% 0/50 (0%) SD 0% 1/50 (2%) SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	3		Page: 30 Report Date: 12/18/2020					
			Male	Female				
#Skin: Fibrosarcoma		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	1/50 (2%)
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%
#Skin: Fibrosarcoma, Sarcoma, N		a, or Malignant Fibrous H	istiocytoma					
Overall Incidence	Total	1/50 (2%) 2/150 (1.33%)	0/50 (0%) Mean 1.33%	1/50 (2%) SD 1.15%	Total	1/50 (2%) 3/150 (2%)	1/50 (2%) Mean 2%	1/50 (2%) SD 0%
#Skin: Fibrous Histiocytoma Mali Overall Incidence	gnant Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Skin: Hemangioma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
#Skin: Hemangiosarcoma								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%
#Skin: Keratoacanthoma								
Overall Incidence	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC

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

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			Male				Female	
#Skin: Lipoma								
Overall Incidence	Total	0/50 (0%) 2/150 (1.33%)	2/50 (4%) Mean 1.33%	0/50 (0%) SD 2.31%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
		2/150 (1.33%)				()		
#Skin: Liposarcoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
						()		
#Skin: Malignant Fibrous Histi	iocytoma							
• ••• ••	-	0/50 (0%)	0/50 (0%)	0/50 (0%)	T ()	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Skin: Melanoma Benign								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Skin: Neurofibrosarcoma or \$		nalignant or NOS)						
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
#Skin: Neurofibrosarcoma, Ne	eurofibroma, or	Schwannoma (benign, ma	alignant or NOS)					
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%

*: Denominator is number of animals with tissues examined microscopically

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC

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

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			Male				Female	
#Skin: Osteosarcoma								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
fSkin: Pilomatrixoma								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
€Skin: Sarcoma								
Overall Incidence	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%	Total	1/50 (2%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	0/50 (0%) SD 1.15%
≮Skin: Schwannoma Malignant								
0		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
#Skin: Squamous Cell Carcinoma or Carcinoma	, Basal Cell (Carcinoma, Basosquamo	us Tumor (malignant	or NOS),				
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
≴Skin: Squamous Cell Papilloma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Page: 33 Report Date: 12/18/2020					
			Male	Female				
#Skin: Squamous Cell Papilloma o	r Papilloma		0/50 (02/)	0/50 (0)()		0/50 (09()	0/50 (0)()	0/50 /01/)
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Skin: Squamous Cell Papilloma, F		Squamous Cell Carcinom						
Overall Incidence	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Skin: Squamous Cell Papilloma, F Overall Incidence	Papilloma, o Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Spinal Cord: Astrocytoma Malignant Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Spinal Cord: Schwannoma Malignant		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
*Spleen: Hemangiosarcoma		1/50 (2%)	1/50 (2%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	3/150 (2%)	Mean 2%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%

Version: Dec2020
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1/N
Length of Study: CHRONIC

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

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			Male				Female	
#Stomach, Forestomach: Mast Cell Tumor Malignant		0/50 (0%)	0/50 (0)//	0/50 (00/)		0/50 (00/)	0/50 (00/)	0/50 (0%)
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Stomach, Forestomach: Squamous Cell Carcinoma		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%
#Stomach, Forestomach: Squamous Cell Carcinoma	or Papillom	na Squamous 2/50 (4%)	2/50 (4%)	5/50 (10%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	9/150 (6%)	Mean 6%	SD 3.46%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
≮Stomach, Forestomach: Squamous Cell Papilloma		1/50 (2%)	2/50 (4%)	5/50 (10%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	8/150 (5.33%)	Mean 5.33%	SD 4.16%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
#Stomach, Glandular: Adenoma								
0	Tatal	0/50 (0%)	0/50 (0%)	0/50 (0%)	Tatal	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Stomach, Glandular:								
Carcinoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)

*: Denominator is number of animals with tissues examined microscopically

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: CORN OIL						Page: 35 Report Date: 12/18/2020		
		Male	Female					
	0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
	0/50 (0%)	2/50 (4%)						
Total	2/150 (1.33%)	Mean 1.33%	SD 2.31%					
Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%					
	1/49 (2%)	0/40 (0%)	0/47 (0%)		0/49 (0%)	0/48 (0%)	0/50 (0%)	
Total	1/136 (0.74%)	Mean 0.68%	SD 1.18%	Total	0/147 (0%)	Mean 0%	SD 0%	
						0/48 (0%)	0/50 (0%)	
Total	0/136 (0%)	0/40 (0%) Mean 0%	SD 0%	Total	0/49 (0%) 0/147 (0%)	0/48 (0%) Mean 0%	SD 0%	
nt, NOS	1/49 (2%)	0/40 (0%)	0/47 (0%)		0/49 (0%)	0/48 (0%)	0/50 (0%)	
Total	1/136 (0.74%)	Mean 0.68%	SD 1.18%	Total	0/147 (0%)	Mean 0%	SD 0%	
	Total Total Total Total Total	Total 0/150 (0%) 0/50 (0%) 0/50 (0%) Total 2/150 (1.33%) 0/50 (0%) 0/50 (0%) Total 0/150 (0%) Total 1/136 (0.74%) Total 0/136 (0%) Total 0/136 (0%) 11/136 (0.74%) 1/136 (0%)	Male Male 0/50 (0%) 0/50 (0%) Total 0/150 (0%) 0/50 (0%) 2/50 (4%) Total 2/150 (1.33%) Mean 1.33% Mean 1.33% Total 0/150 (0%) 0/50 (0%) 0/50 (0%) Total 0/150 (0%) Mean 0% Mean 0% Total 1/149 (2%) 0/40 (0%) Mean 0% Total 0/136 (0%) Mean 0% Mean 0%	Tumor Incidence for Selected Control / Route: GAVAGE Vehicle: CORN OIL Male 0/50 0% 0/50 0% 0/50 0% Total 0/150 0% 0/50 0% SD 0% Total 0/50 0% 2/50 (4%) 0/50 (0%) Total 0/50 0% 2/50 (4%) 0/50 (0%) Total 0/50 0% Mean 1.33% SD 2.31% SD 2.31% Total 0/50 0% 0/50 0% SD 0% Total 0/50 0% Mean 0% SD 0% Total 0/150 0% Mean 0% SD 1.18% Mean 0.68% SD 1.18% SD 1.18% Mean 0% SD 0% nt, NOS 1/49 0% 0/40 0% O/47 0%)	Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: CORN OIL Male Male 0/50 (0%) 0/50 (0%) 0/50 (0%) Total 0/150 (0%) 0/50 (0%) SD 0% Total 0/50 (1.33%) Mean 0% SD 2.31% Total 0/50 (0%) 0/50 (0%) 0/50 (0%) Total 0/150 (0%) 0/40 (0%) 0/47 (0%) Total 1/136 (0.74%) Mean 0% SD 0% Total 1/49 (2%) 0/40 (0%) 0/47 (0%) Total nt, NOS 1/49 (2%) 0/40 (0%) 0/47 (0%)	Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: CORN OIL Male Male 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) Total 0/150 (0%) Mean 0% SD 0% Total 0/150 (0%) 0/50 (0%) 2/50 (4%) 0/50 (0%) Total 0/150 (0%) 0/150 (0%) Total 0/50 (0%) 2/50 (4%) 0/50 (0%) SD 2.31% 0/150 (0%) Total 0/50 (0%) 0/50 (0%) 0/50 (0%) SD 2.31% 0/140 (0%) Total 0/150 (0%) 0/50 (0%) 0/50 (0%) 0/20 (0%) 0/49 (0%) Total 0/150 (0%) 0/40 (0%) 0/47 (0%) 0/49 (0%) Total 1/136 (0.74%) Mean 0.68% SD 1.18% Total 0/147 (0%) Total 0/149 (0%) 0/40 (0%) 0/47 (0%) 0/49 (0%) 0/49 (0%) Total 0/149 (0%) Mean 0% SD 0% Total 0/147 (0%)	Male Female 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) Mean 0% <	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC

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

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			Male				Female	
*Thyroid Gland: C-Cell: Adenoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
'Thyroid Gland: C-Cell: Carcinoma								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	1/50 (2%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	0/50 (0%) SD 1.15%
Thyroid Gland: C-Cell: Carcinoma or Adenoma								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	1/50 (2%) 2/150 (1.33%)	1/50 (2%) Mean 1.33%	0/50 (0%) SD 1.15%
Thyroid Gland: Follicular Cell Adenoma	:							
Overall Incidence	Total	0/50 (0%) 1/150 (0.67%)	1/50 (2%) Mean 0.67%	0/50 (0%) SD 1.15%	Total	1/50 (2%) 2/150 (1.33%)	1/50 (2%) Mean 1.33%	0/50 (0%) SD 1.15%
Thyroid Gland: Follicular Cell Carcinoma								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Thyroid Gland: Follicular Cell Carcinoma or Adenoma								
Overall Incidence	Total	0/50 (0%) 1/150 (0.67%)	1/50 (2%) Mean 0.67%	0/50 (0%) SD 1.15%	Total	1/50 (2%) 2/150 (1.33%)	1/50 (2%) Mean 1.33%	0/50 (0%) SD 1.15%

*: Denominator is number of animals with tissues examined microscopically

Version: Dec2020 Contract/Lab: All Laboratorie Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	S		Page: 37 Report Date: 12/18/2020					
			Male				Female	
#Tongue: Squamous Cell Carcinom	a or Papillom	a Squamous 0/50 (0%)	0/50 (00/)	0/50 /00/)		0/50 (0%)	0/50 (00/)	4/50 (00/)
Overall Incidence	Total	0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%
fTongue: Squamous Cell Papilloma	1	0/50 (0%)	0/50 (00/)	0/50 /00/)		0/50 (00/)	0/50 (00/)	4/50 (0%)
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%
≭Tooth: Odontoma		0/50 (00/)	0/50 (00/)	0/50 (404)		0/50 (0)()	0/50 (00/)	0/50 (00/)
Overall Incidence	Total	0/50 (0%) 2/150 (1.33%)	0/50 (0%) Mean 1.33%	2/50 (4%) SD 2.31%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Urinary Bladder: Hemangiosarcoma		- ()		- (()		- / / /		- ()
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%
Urinary Bladder: Mast Cell Tumor								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%
#Uterus: Adenocarcinoma or Aden	oma							
Overall Incidence					Total	0/50 (0%) 1/150 (0.67%)	1/50 (2%) Mean 0.67%	0/50 (0%) SD 1.15%

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: CORN OIL		Page: 38 Report Dat	e: 12/18/2020
Male		Female	
Total	0/50 (0%) 1/150 (0.67%)	1/50 (2%) Mean 0.67%	0/50 (0%) SD 1.15%
illoma			
Total	0/50 (0%) 1/150 (0.67%)	1/50 (2%) Mean 0.67%	0/50 (0%) SD 1.15%
Total	0/150 (0%)	Mean 0%	0/50 (0%) SD 0%
Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Total	0/50 (0%) 1/150 (0.67%)	1/50 (2%) Mean 0.67%	0/50 (0%) SD 1.15%
Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
	Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: CORN OIL Male Total illoma Total Total Total	Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: CORN OIL Male 0/50 (0%) Total 1/150 (0.67%) illoma 0/50 (0%) Total 1/150 (0.67%) Total 1/150 (0.67%) Total 0/50 (0%) Total 0/50 (0%) Total 0/150 (0%) Total 1/150 (0.67%)	Male Female Male Female 0/50 (0%) 1/50 (2%) Total 0/50 (0%) 1/50 (2%) Mane 0/50 (0%) 1/50 (2%) Male 0/50 (0%) 1/50 (2%) Total 0/50 (0%) 1/50 (2%) Mean 0.67% Mean 0.67% Male 0/50 (0%) 1/50 (2%) Mean 0.67% Mean 0.67% Male 0/50 (0%) 0/50 (0%) Mean 0.67% Mean 0.67% Total 0/50 (0%) 0/50 (0%) Mean 0.67% Mean 0.67%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: CORN OIL	5	Page: 39 Report Da	te: 12/18/2020
	Male		Female	
#Uterus: Leiomyoma				
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Uterus: Polyp Stromal				
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Uterus: Sarcoma				
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Uterus: Sarcoma Stromal				
Overall Incidence	Total	0/50 (0%) 2/150 (1.33%)	0/50 (0%) Mean 1.33%	2/50 (4%) SD 2.31%
#Uterus: Sarcoma Stromal or Polyp Stromal				
Overall Incidence	Total	0/50 (0%) 2/150 (1.33%)	0/50 (0%) Mean 1.33%	2/50 (4%) SD 2.31%
#Vagina: Hemangioma				
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
*: Denominator is number of animals with tissues examined mic	roscopically			

				Page: 40 Report Date: 12/18/2020			
		Male				Female	
	0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%
	0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%) Total 1/150 (0.67%)	es Tumor Incider Male 0/50 (0%) 1/50 (2%) Total 1/150 (0.67%) Mean 0.67%	es Tumor Incidence for Selected Control / Route: GAVAGE Vehicle: CORN OIL Male 0/50 (0%) 1/50 (2%) 0/50 (0%) Total 1/150 (0.67%) Mean 0.67% SD 1.15%	Route: GAVAGE Vehicle: CORN OIL Male 0/50 (0%) 1/50 (2%) 0/50 (0%) Total 1/150 (0.67%) Mean 0.67% SD 1.15% Total	es Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: CORN OIL Male 0/50 (0%) 1/50 (2%) 0/50 (0%) 0/50 (0%) Total 1/150 (0.67%) Mean 0.67% SD 1.15% Total 0/150 (0%)	es Tumor Incidence for Selected Control Animal Groups Report Da Route: GAVAGE Vehicle: CORN OIL Male Female 0/50 (0%) 1/50 (2%) 0/50 (0%) 0/50 (0%) 0/50 (0%) Total 1/150 (0.67%) Mean 0.67% SD 1.15% Total 0/150 (0%) Mean 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC

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

	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	050005804	N/A	N/A	0(0)	0(0)	N/A	Black Cohosh				
Battelle Columbus Laboratory	052032306	05/22/12	730	50(1)	35(698)	52.5	Resveratrol				
					Female						
Battelle Columbus Laboratory	050005804	04/09/12	729	50(4)	40(703)	58.8	Black Cohosh				
Battelle Columbus Laboratory	052032306	05/21/12	729	50(4)	44(716)	58.8	Resveratrol				

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: METHYLCELLULOSE							te: 12/18/2020
			Male				Female	
#All Organs: Benign Tumors			33/50 (66%)			15/50 (30%)	17/50 (34%)	
Overall Incidence	Total	33/50 (66%)	Mean 66%	SD 0%	Total	32/100 (32%)	Mean 32%	SD 2.83%
#All Organs: Malignant Tumors			24/50 (48%)			22/50 (44%)	18/50 (36%)	
Overall Incidence	Total	24/50 (48%)	Mean 48%	SD 0%	Total	40/100 (40%)	Mean 40%	SD 5.66%
#All Organs: Malignant and Benign Tumo			41/50 (82%)			31/50 (62%)	27/50 (54%)	
Overall Incidence	Total	41/50 (82%)	Mean 82%	SD 0%	Total	58/100 (58%)	Mean 58%	SD 5.66%
#All Organs: Hemangioma			0/50 (0%)			1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
#All Organs: Hemangiosarcoma			3/50 (6%)			1/50 (2%)	1/50 (2%)	
Overall Incidence	Total	3/50 (6%)	Mean 6%	SD 0%	Total	2/100 (2%)	Mean 2%	SD 0%
#All Organs: Hemangiosarcoma or Hema			3/50 (6%)			2/50 (4%)	1/50 (2%)	
Overall Incidence	Total	3/50 (6%)	Mean 6%	SD 0%	Total	3/100 (3%)	Mean 3%	SD 1.41%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Tumor Inciden	ogy Data Managem ce for Selected Cont Route: GAVAGE icle: METHYLCELL	rol Animal Groups		Page: 43 Report Da	Page: 43 Report Date: 12/18/2020		
			Male			Female				
#All Organs: Histiocytic Sarcoma			1/50 (2%)			2/50 (4%)	2/50 (4%)			
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	4/100 (4%)	Mean 4%	SD 0%		
#All Organs: Leukemia: Lymphocytic, Mo	onocytic, Me		entiated 0/50 (0%)			1/50 (2%)	0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%		
#All Organs: Malignant Lymphoma: Histi Overall Incidence	Total	phocytic, Mixed, NOS, 7/50 (14%)	7/50 (14%) Mean 14%	Type SD 0%	Total	10/50 (20%) 19/100 (19%)	9/50 (18%) Mean 19%	SD 1.41%		
#All Organs: Malignant Schwannoma			0/50 (0%)			0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%		
#All Organs: Osteosarcoma			0/50 (0%)			2/50 (4%)	0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	2/100 (2%)	Mean 2%	SD 2.83%		
#All Organs: Osteosarcoma or Osteoma			0/50 (0%)			2/50 (4%)	0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	2/100 (2%)	Mean 2%	SD 2.83%		
* Denominator is number of animals		·····				()				

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Page: 44 Report Dat	e: 12/18/2020				
			Male				Female	
*Adrenal Cortex: Adenoma			0/50 (0)()			0/50 (00/)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
*Adrenal Medulla: Pheochromocytoma Benign							0/50 /00/)	
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
*Adrenal Medulla: Pheochromocytoma Maligna								
Overall Incidence	Total	1/50 (2%)	1/50 (2%) Mean 2%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
*Adrenal Medulla: Pheochromocytoma: Benig			1/50 (2%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Blood Vessel: Hemangioma			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Blood Vessel: Hemangiosarcoma			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Page: 45 Report Dat	e: 12/18/2020				
			Male				Female	
*Bone Marrow: Hemangiosarcoma			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
*Bone Marrow: Mast Cell Tumor Malignant			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
*Bone Marrow: Sarcoma			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Bone: Fibroma			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Bone: Hemangioma			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Bone: Hemangiosarcoma			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Page: 46 Report Date: 12/18/2020					
			Male				Female	
#Bone: Osteosarcoma			0/50 (0%)			1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
#Bone: Osteosarcoma or Osteoma			0/50 (0%)			1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
#Bone: Sarcoma Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
*Brain: Meningioma Malignant			0/50 (0%)			1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
*Brain: Meningioma: Benign, Maligr			0/50 (0%)			1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
*Clitoral/Preputial Gland: Mast Cell Tumor			0/50 (0%)			0/50 (0%)	0/49 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/99 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: METHYLCELLULOSE							e: 12/18/2020
			Male				Female	
#Coagulating Gland: Granular Cell Tumor			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Coagulating Gland: Sarcoma			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
*Epididymis: Mast Cell Tumor Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%				
#Harderian Gland: Adenoma			6/50 (12%)			2/50 (4%)	3/50 (6%)	
Overall Incidence	Total	6/50 (12%)	Mean 12%	SD 0%	Total	5/100 (5%)	Mean 5%	SD 1.41%
#Harderian Gland: Carcinoma			2/50 (4%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
#Harderian Gland: Carcinoma or Adenoma			8/50 (16%)			2/50 (4%)	4/50 (8%)	
Overall Incidence	Total	8/50 (16%)	Mean 16%	SD 0%	Total	6/100 (6%)	Mean 6%	SD 2.83%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: METHYLCELLULOSE							te: 12/18/2020
			Male				Female	
#Harderian Gland: Mast Cell Tumor			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
*Heart: Hemangiosarcoma			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Intestine Large: Cecum: Leiomyosarcoma			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Intestine Small: Duodenum: Adenoma			0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
#Intestine Small: Duodenum: Carcinoma			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Intestine Small: Duodenum: Polyp Adenomatous			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (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: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicolo Tumor Incidenc Vehi		Page: 49 Report Date: 12/18/2020					
			Male			Female				
#Intestine Small: Ileum: Adenoma			0/50 (0%)			0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%		
#Intestine Small: Jejunum: Adenoma			1/50 (2%)	,		0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%		
#Intestine Small: Jejunum: Carcinoma			0/50 (0%)			0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/50 (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%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%		
#Intestine Small: Jejunum: Mast Cell Tumor			0/50 (0%)			0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%		
#Intestine Small: Site Unspecif Adenoma			1/50 (2%)			0/50 (0%)	1/50 (2%)			
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%		

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Tumor Inciden	ogy Data Managemo ce for Selected Cont Route: GAVAGE icle: METHYLCELLI	Page: 50 Report Date: 12/18/2020				
			Male			Female			
#Intestine Small: Site Unspec Carcinoma	ified:		0/50 (00/)			0/50 (0%)	0/50 (00/)		
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	
#Intestine Small: Site Unspec Carcinoma or Adenoma									
Overall Incidence	Total	1/50 (2%)	1/50 (2%) Mean 2%	SD 0%	Total	0/50 (0%) 1/100 (1%)	1/50 (2%) Mean 1%	SD 1.41%	
#Intestine Small: Site Unspec Leiomyosarcoma Overall Incidence				SD 0%	Total		0/50 (0%) Mean 0%	SD 0%	
#Intestine Small: Site Unspec Mast Cell Tumor	ified:		0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
#Intestine Small: Site Unspec Polyp Adenomatous	ified:		0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
*Islets, Pancreatic: Adenoma			0/50 (0%)			0/50 (0%)	0/49 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/99 (0%)	Mean 0%	SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicolo Tumor Inciden Veh	Page: 51 Report Date: 12/18/2020					
			Male			Female			
*Islets, Pancreatic: Carcinoma			0/50 (0%)			0/50 (0%)	0/49 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/99 (0%)	Mean 0%	SD 0%	
*Islets, Pancreatic: Carcinoma or Adenoma			0/50 (0%)			0/50 (0%)	0/49 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/99 (0%)	Mean 0%	SD 0%	
*Kidney: Renal Tubule: Adenoma			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
*Kidney: Renal Tubule: Carcinoma			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
*Kidney: Renal Tubule: Carcinoma or Adenoma			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
*Kidney: Renal Tubule: Hemangiosarcoma			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicolo Tumor Incideno Veh		Page: 52 Report Date: 12/18/2020			
			Male				Female	
*Kidney: Renal Tubule: Mast Cell Tumor			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Renal Mesenchymal Tumor			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
*Liver: Cholangiocarcinoma			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
*Liver: Hemangioma			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
*Liver: Hemangiosarcoma			1/50 (2%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
*Liver: Hepatoblastoma			1/50 (2%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC		Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: METHYLCELLULOSE						te: 12/18/2020	
			Male			Female			
*Liver: Hepatocellular Adenoma	Tatal	05/50 (50%)	25/50 (50%)		Tatal	6/50 (12%)	8/50 (16%)		
Overall Incidence	Total	25/50 (50%)	Mean 50%	SD 0%	Total	14/100 (14%)	Mean 14%	SD 2.83%	
*Liver: Hepatocellular Carcinoma			7/50 (14%)			3/50 (6%)	3/50 (6%)		
Overall Incidence	Total	7/50 (14%)	Mean 14%	SD 0%	Total	6/100 (6%)	Mean 6%	SD 0%	
*Liver: Hepatocellular Carcinoma o Overall Incidence	or Hepatobl		8/50 (16%) Mean 16%	SD 0%	Total	3/50 (6%) 6/100 (6%)	3/50 (6%) Mean 6%	SD 0%	
*Liver: Hepatocellular Carcinoma o			29/50 (58%)			8/50 (16%)	9/50 (18%)		
Overall Incidence	Total	29/50 (58%)	Mean 58%	SD 0%	Total	17/100 (17%)	Mean 17%	SD 1.41%	
*Liver: Hepatocellular Carcinoma, I		ular Adenoma, or Hepat				8/50 (16%)	9/50 (18%)		
Overall Incidence	Total	30/50 (60%)	Mean 60%	SD 0%	Total	17/100 (17%)	Mean 17%	SD 1.41%	
*Liver: Hepatocholangiocarcinoma			2/50 (4%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
*: Denominator is number of animals	with tissues								

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Tumor Incident	ogy Data Managem ce for Selected Cont Route: GAVAGE icle: METHYLCELL	Page: 54 Report Date: 12/18/2020				
			Male			Female			
*Liver: Ito Cell Tumor Benign			1/50 (2%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
*Liver: Mast Cell Tumor			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
*Lung: Alveolar/Bronchiolar Adeno			8/50 (16%)			2/50 (4%)	1/50 (2%)		
Overall Incidence	Total	8/50 (16%)	Mean 16%	SD 0%	Total	3/100 (3%)	Mean 3%	SD 1.41%	
*Lung: Alveolar/Bronchiolar Carcin			4/50 (8%)			0/50 (0%)	3/50 (6%)		
Overall Incidence	Total	4/50 (8%)	Mean 8%	SD 0%	Total	3/100 (3%)	Mean 3%	SD 4.24%	
*Lung: Alveolar/Bronchiolar Carcin						2/50 (4%)	4/50 (8%)		
Overall Incidence	Total	11/50 (22%)	Mean 22%	SD 0%	Total	6/100 (6%)	Mean 6%	SD 2.83%	
*Lung: Hemangiosarcoma			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC		Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: METHYLCELLULOSE						Page: 55 Report Date: 12/18/2020		
			Male		Female					
*Lung: Mast Cell Tumor			0/50 (0%)			0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/50 (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%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%		
#Lymph Node: Mast Cell Tumor Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%		
#Lymph Node, Mandibular: Mast Cell Tumor			0/50 (0%)			0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/50 (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%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%		
#Lymph Node, Mesenteric: Hemangioma			0/50 (0%)			0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%		

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Tumor Incident	ogy Data Managem ce for Selected Cont Route: GAVAGE icle: METHYLCELL		Page: 56 Report Date: 12/18/2020				
			Male				Female			
#Lymph Node, Mesenteric: Hemangiosarcoma Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%		
#Lymph Node, Mesenteric: Mast Cell Tumor		0/50 (00/)	0/50 (0%)	25 . 001	-	0/50 (0%)	0/50 (0%)	05.0%		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%		
#Lymph Node, Mesenteric: Mast Cell Tumor Malignant			0/50 (0%)			0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%		
#Mammary Gland: Adenoma			0/50 (0%)			0/50 (0%)	1/50 (2%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%		
#Mammary Gland: Carcinoma										
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%		
#Mammary Gland: Carcinoma or Adenoma										
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 1/100 (1%)	1/50 (2%) Mean 1%	SD 1.41%		

Version: Dec2020 Contract/Lab: All Laboratorie Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	95		Tumor Inciden	ogy Data Managemo ce for Selected Cont Route: GAVAGE icle: METHYLCELLI		Page: 57 Report Date: 12/18/2020				
			Male				Female			
#Mammary Gland: Fibroma, Fibroadenoma c	or Adenoma		0/50 (0%)			0/50 (0%)	1/50 (2%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%		
#Mammary Gland: Fibroma, Fibroadenoma,	Carcinoma, or	Adenoma	0/50 (0%)			0/50 (0%)	4/50 (20())			
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	1/100 (1%)	1/50 (2%) Mean 1%	SD 1.41%		
#Mesentery: Hemangioma Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%		
#Mesentery: Hemangiosarcoma			0/50 (0%)			0/50 (0%)	0/50 (0%)	05.0%		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%		
#Mesentery: Lipoma			0/50 (0%)			0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%		
#Mesentery: Sarcoma			0/50 (0%)			0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%		
		·····						30 0%		

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC		Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: METHYLCELLULOSE						Page: 58 Report Date: 12/18/2020		
			Male				Female			
*Nose: Adenoma			0/50 (0%)			0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%		
*Nose: Carcinoma			0/50 (0%)			0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%		
*Nose: Polyp			0/50 (0%)			0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%		
#Oral Cavity (Oral Mucosa, To Papilloma Squamous or Pap	ongue, Phary		0/50 (0%)			0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%		
#Oral Cavity (Oral Mucosa, To Squamous Cell Carcinoma			0/50 (0%)			0/50 (0%)	1/50 (2%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%		
#Oral Cavity (Oral Mucosa, To Squamous Cell Carcinoma,	ongue, Phary	/nx, Tooth, Gingiva):	0/50 (0%)			0/50 (0%)	1/50 (2%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%		
*: Denominator is number of animals										

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				Page: 59 Report Date: 12/18/2020				
			Male			Female		
#Oral Mucosa: Squamous Cell Carcinoma			0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
*Ovary: Cystadenocarcinoma						0/40 (00%)	0/40 (00%)	
Overall Incidence					Total	0/49 (0%) 0/98 (0%)	0/49 (0%) Mean 0%	SD 0%
*Ovary: Cystadenoma								
Overall Incidence					Total	2/49 (4%) 5/98 (5.1%)	3/49 (6%) Mean 5.1%	SD 1.44%
*Ovary: Granulosa Cell Tumor Beniç	yn					0/40 (00/)	0/40 (00/)	
Overall Incidence					Total	0/49 (0%) 0/98 (0%)	0/49 (0%) Mean 0%	SD 0%
*Ovary: Granulosa Cell Tumor Malig								
Overall Incidence					Total	0/49 (0%) 0/98 (0%)	0/49 (0%) Mean 0%	SD 0%
*Ovary: Granulosa Cell Tumor: Beni	gn, Maligna	nt, NOS						
Overall Incidence	-				Total	0/49 (0%) 0/98 (0%)	0/49 (0%) Mean 0%	SD 0%
*: Denominator is number of animals		xamined microscopically				· · · · · · · · · · · · · · · · · · ·		

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N	Toxicology Data Management System Tumor Incidence for Selected Control Animal Group Route: GAVAGE Vehicle: METHYLCELLULOSE	Page: 60 Report Dat	e: 12/18/2020				
Length of Study: CHRONIC	Male		Female				
*Ovary: Granulosa-Theca Tumor Malignant							
Overall Incidence	Total	0/49 (0%) 0/98 (0%)	0/49 (0%) Mean 0%	SD 0%			
*Ovary: Hemangioma							
Overall Incidence	Total	0/49 (0%) 0/98 (0%)	0/49 (0%) Mean 0%	SD 0%			
*Ovary: Hemangiosarcoma							
Overall Incidence	Total	0/49 (0%) 0/98 (0%)	0/49 (0%) Mean 0%	SD 0%			
Ovary: Luteoma							
Overall Incidence	Total	0/49 (0%) 0/98 (0%)	0/49 (0%) Mean 0%	SD 0%			
Ovary: Sarcoma							
Overall Incidence	Total	0/49 (0%) 0/98 (0%)	0/49 (0%) Mean 0%	SD 0%			
Ovary: Thecoma Malignant							
Overall Incidence	Total	0/49 (0%) 0/98 (0%)	0/49 (0%) Mean 0%	SD 0%			

Version: Dec2020 Contract/Lab: All Laboratori Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Tumor Inciden	ogy Data Manageme ce for Selected Conti Route: GAVAGE iicle: METHYLCELLU	ol Animal Groups		Page: 61 Report Da	t e: 12/18/2020	
			Male				Female		
*Ovary: Tubulostromal Adenoma	1								
Overall Incidence					Total	0/49 (0%) 1/98 (1.02%)	1/49 (2%) Mean 1.02%	SD 1.44%	
Pancreas: Mast Cell Tumor									
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	
*Parathyroid Gland: Adenoma									
Overall Incidence	Total	0/40 (0%)	0/40 (0%) Mean 0%	SD 0%	Total	0/41 (0%) 0/78 (0%)	0/37 (0%) Mean 0%	SD 0%	
Parathyroid Gland: Carcinoma									
Overall Incidence	Total	0/40 (0%)	0/40 (0%) Mean 0%	SD 0%	Total	0/41 (0%) 0/78 (0%)	0/37 (0%) Mean 0%	SD 0%	
Pituitary Gland: Pars Dista Adenoma									
Overall Incidence	Total	0/48 (0%)	0/48 (0%) Mean 0%	SD 0%	Total	2/49 (4%) 5/96 (5.21%)	3/47 (6%) Mean 5.23%	SD 1.63%	
Pituitary Gland: Pars Dista Carcinoma									
Overall Incidence	Total	0/48 (0%)	0/48 (0%) Mean 0%	SD 0%	Total	0/49 (0%) 0/96 (0%)	0/47 (0%) Mean 0%	SD 0%	

Version: Dec2020 Contract/Lab: All Laborator Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicolo Tumor Inciden Veh		Page: 62 Report Dat	Report Date: 12/18/2020 Female 7 (6%) ean 5.23% SD 1.63% 7 (0%)				
			Male				(4%) 3/47 (6%) 5.21%) Mean 5.23% SD 1.63% (0%) 0/47 (0%) (0%) Mean 0% SD 0% (0%) 0/47 (0%)			
*Pituitary Gland: Pars Dist Carcinoma or Adenoma		ied Site:	0/40 (0%)			0/40 (40/)	0/47 (00/)			
Overall Incidence	Total	0/48 (0%)	0/48 (0%) Mean 0%	SD 0%	Total	2/49 (4%) 5/96 (5.21%)	()	SD 1.63%		
*Pituitary Gland: Pars Inte Adenoma										
Overall Incidence	Total	0/48 (0%)	0/48 (0%) Mean 0%	SD 0%	Total	0/49 (0%) 0/96 (0%)	()	SD 0%		
*Pituitary Gland: Pars Inte Carcinoma										
Overall Incidence	Total	0/48 (0%)	0/48 (0%) Mean 0%	SD 0%	Total	0/49 (0%) 0/96 (0%)	Mean 0%			
*Pituitary Gland: Pars Inte Carcinoma or Adenoma	rmedia:					0/49 (0%)				
Overall Incidence	Total	0/48 (0%)	0/48 (0%) Mean 0%	SD 0%	Total	0/49 (0%) 0/96 (0%)	0/47 (0%) Mean 0%	SD 0%		
*Pituitary Gland: Pars Inte Schwannoma Malignant	rmedia:									
Overall Incidence	Total	0/48 (0%)	0/48 (0%) Mean 0%	SD 0%	Total	0/49 (0%) 0/96 (0%)	0/47 (0%) Mean 0%	SD 0%		
*Prostate: Hemangiosarcoma										
Overall Incidence	Total	1/50 (2%)	1/50 (2%) Mean 2%	SD 0%						

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: METHYLCELLULOSE							Page: 63 Report Date: 12/18/2020	
			Male				Female		
*Prostate: Mast Cell Tumor			0/50 (0%)						
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%					
*Salivary Glands: Adenoma			- (- (- ()		
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	
		, ,							
*Salivary Glands: Carcinoma			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
*Salivary Glands: Carcinoma or Adenoma			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
*Salivary Glands: Hemangiosarcoma			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
*Salivary Glands: Mast Cell Tumor			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
*: Denominator is number of animals	with tissues e								

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicolo Tumor Inciden Veh	Page: 64 Report Date: 12/18/2020				
			Male				Report Date: 12/18/2020 Female (0%) 0/50 (0%) 0%) Mean 0% SD 0% (0%) 0/50 (0%) (0%) 0/50 (0%) (0%) 0/50 (0%) (0%) 0/50 (0%) %) Mean 0% SD 0%	
*Salivary Glands: Myxosarcoma			0/50 (0%)			()	()	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Seminal Vesicle: Adenoma			0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%				
#Seminal Vesicle: Fibroma Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%				
	10lai	0/50 (0%)		30 0%				
#Skeletal Muscle: Hemangiosarcoma			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Skeletal Muscle: Osteosarcoma			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Skeletal Muscle: Rhabdomyosarcoma			0/50 (0%)			1/50 (2%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	2/100 (2%)	Mean 2%	SD 0%
*: Denominator is number of animals	with tissues a	xamined microscopically						

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Tumor Inciden	ogy Data Manageme ce for Selected Contr Route: GAVAGE icle: METHYLCELLU	ol Animal Groups		Page: 65 Report Date: 12/18/2020					
			Male	······································			Female					
#Skeletal Muscle: Rhabdomyosarcoma or Rhabdomyoma 0/50 (0%) 1/50 (2%) 1/50 (2%)												
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	2/100 (2%)	Mean 2%	SD 0%				
#Skeletal Muscle: Sarcoma						-/	- /					
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%				
#Skin: Basal Cell Adenoma Overall Incidence	Total	1/50 (2%)	1/50 (2%) Mean 2%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%				
#Skin: Basal Cell Adenoma or Bas			1/50 (2%)			0/50 (0%)	0/50 (0%)					
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%				
#Skin: Basal Cell Adenoma, Basos						0/50 (0%)	0/50 (0%)					
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%				
#Skin: Basal Cell Carcinoma			0/50 (0%)			0/50 (0%)	0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%				

Version: Dec2020 Contract/Lab: All Laboratorio Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Tumor Inciden	ogy Data Managemo ice for Selected Contr Route: GAVAGE hicle: METHYLCELLU	Page: 66 Report Date: 12/18/2020							
			Male		Initial Groups Report Date: 12/18/2020 LOSE Female Total 0/50 (0%) 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) 0/50 (0%) Mean 0% SD 0% Total 0/100 (0%) 1/50 (0%) Mean 0% SD 0% Total 1/50 (2%) 1/50 (2%) Mean 2% SD 0%							
#Skin: Basal Cell Carcinoma or Basosquamous Tumor (malignant or NOS)												
Basal Cell Carcinoma or	Basosquamous	s Tumor (malignant or	•				0/50 (00/)					
overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%		0/100 (0%)	Mean 0%					
Skin: Basal Cell Carcinoma, Ba NOS), or Trichoepithelior	asal Cell Adeno											
			1/50 (2%)	65 6 6		()	()	25 aa <i>i</i>				
verall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%		· · ·						
Skin: Basal or Sq. Cell Carcino Adenoma, Papilloma, Sq Overall Incidence	ma, Carcinoma Papilloma, Ker Total	atoacanthoma, Tricho 1/50 (2%)	r B), Basal Cell Adenom epithelioma 1/50 (2%) Mean 2%	SD 0%		()		SD 0%				
Skin: Fibroma												
	-		0/50 (0%)	00.00/	-	()		OD 00/				
verall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%		()						
Skin: Fibroma, Fibrosarcoma, S Hemangiopericytoma	Sarcoma, Myxo	oma, Myxosarcoma, Ma	-	ytoma, or		4/50 (20/)	4/50 (20())					
verall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total		()	SD 0%				
Skin: Fibroma, Fibrosarcoma, S						1/50 (2%)	1/50 (2%)					
verall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	2/100 (2%)	Mean 2%	SD 0%				
	nals with tissues ex	·····										

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Page: 67 Report Date: 12/18/2020						
			Male				Female 9%) 1/50 (2%) Mean 1% SD 1.41% 1/50 (2%) Mean 2% SD 0% 9%) 1/50 (2%) Mean 1% SD 1.41% 9%) 0/50 (0%)		
#Skin: Fibrosarcoma			0/50 (0%)			0/50 (0%)	()		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
#Skin: Fibrosarcoma, Sarcoma, My	/xosarcoma	, or Malignant Fibrous	Histiocytoma 0/50 (0%)			1/50 (2%)	1/50 (2%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	2/100 (2%)	Mean 2%	SD 0%	
#Skin: Fibrous Histiocytoma Malig Overall Incidence		0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 1/100 (1%)	()	SD 1.41%	
#Skin: Hemangioma			0/50 (0%)			0/50 (0%)	()		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
#Skin: Hemangiosarcoma			0/50 (0%)			0/50 (0%)	1/50 (2%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
#Skin: Keratoacanthoma			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Tumor Inciden	ogy Data Manageme ce for Selected Cont Route: GAVAGE icle: METHYLCELLI	rol Animal Groups		Page: 68 Report Dat	-	
			Male				Female (0%) 0/50 (0%) %) Mean 0% SD 0% (0%) 0/50 (0%) (0%) 0/50 (0%) (0%) 0/50 (0%)		
#Skin: Lipoma			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%		
#Skin: Liposarcoma									
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/100 (0%)	()	SD 0%	
#Skin: Malignant Fibrous Histiocy Overall Incidence		0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total		()	SD 0%	
#Skin: Melanoma Benign			0/50 (0%)			0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
#Skin: Neurofibrosarcoma or Schv	wannoma (m	alignant or NOS)	0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
#Skin: Neurofibrosarcoma, Neurof			malignant or NOS) 0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Tumor Incident	ogy Data Manageme ce for Selected Contr Route: GAVAGE iicle: METHYLCELLU	rol Animal Groups		Page: 69 Report Da	te: 12/18/2020		
		· · · · · · · · · · · · · · · · · · ·	Male				Female 0/50 (0%) 0/50 (0%) 0/100 (0%) Mean 0% SD 0% 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%) 0/50 (0%) 1/50 (2%) 0/50 (0%) 1/100 (1%) Mean 1% SD 1.41% 0/50 (0%) 0/50 (0%)			
#Skin: Osteosarcoma						2/52 (00/)	0/50 (00/)			
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/100 (0%)	()	SD 0%		
#Skin: Pilomatrixoma			0/50 (0%)			0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%			
#Skin: Sarcoma			0/50 (0%)							
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%		
#Skin: Schwannoma Malignant			0/50 (0%)			0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)				
#Skin: Squamous Cell Carcinoma, or Carcinoma	, Basal Cell C	arcinoma, Basosquan	nous Tumor (malignant	or NOS),						
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%		
#Skin: Squamous Cell Papilloma										
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%		

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Page: 70 Report Date: 12/18/2020								
			Male				Female 0/50 (0%) 0/50 (0%) 0/100 (0%) Mean 0% SD 0% 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/100 (0%) Mean 0% SD 0% 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) Mean 0% 0/50 (0%) Mean 0% 0/50 (0%) 0/50 (0%) 0/100 (0%) Mean 0%				
Overall Incidence Total 0/50 (0%) Mean 0% SD 0% Total 0/100 (0%) Mean 0% SD 0%											
#Skin:											
Squamous Cell Papilloma, I	Papilloma, S	quamous Cell Carcino	ma or Keratoacanthoma 0/50 (0%)	3		0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	· · ·	SD 0%			
#Skin: Squamous Cell Papilloma, I Overall Incidence			0/50 (0%) Mean 0%	SD 0%	Total	()		SD 0%			
#Spinal Cord: Astrocytoma Malignant			0/50 (0%)			1/50 (2%)	0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%			
#Spinal Cord: Schwannoma Malignant			0/50 (0%)			0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%			
*Spleen: Hemangiosarcoma			1/50 (2%)			1/50 (2%)	0/50 (0%)				
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%			

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Tumor Inciden	ogy Data Managem ce for Selected Cont Route: GAVAGE icle: METHYLCELL	rol Animal Groups		Page: 71 Report Dat	e: 12/18/2020			
			Male				Female				
#Stomach, Forestomach: Mast Cell Tumor Malignant 0/50 (0%) 0/50 (0%) 0/50 (0%)											
Overall Incidence	Total	0/50 (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%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%			
#Stomach, Forestomach: Squamous Cell Carcinoma c Overall Incidence			1/50 (2%) Mean 2%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%			
#Stomach, Forestomach: Squamous Cell Papilloma			1/50 (2%)				0/50 (0%)				
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%			
#Stomach, Glandular: Adenoma			0/50 (0%)			0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%			
#Stomach, Glandular: Carcinoma			0/50 (0%)			0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%			

		Page: 72 Report Date: 12/18/2020					
		Male				Female	
Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
	0,00 (0,0)				0,100 (0,0)	inicali 070	
		0/50 (0%)					
Total	0/50 (0%)	Mean 0%	SD 0%				
Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%				
		0/41 (0%)			0/48 (0%)	0/49 (0%)	
Total	0/41 (0%)	Mean 0%	SD 0%	Total	0/97 (0%)	Mean 0%	SD 0%
		0/41 (0%)			0/48 (0%)	0/49 (0%)	
Total	0/41 (0%)	Mean 0%	SD 0%	Total	0/97 (0%)	Mean 0%	SD 0%
nt, NOS		0/41 (0%)			0/48 (0%)	0/49 (0%)	
Total	0/41 (0%)	Mean 0%	SD 0%	Total	0/97 (0%)	Mean 0%	SD 0%
	Total Total Total nt, NOS	Total 0/50 (0%) Total 0/50 (0%) Total 0/41 (0%) Total 0/41 (0%) Total 0/41 (0%)	Tumor Inciden Veh Male Total 0/50 (0%) Total 0/50 (0%) Total 0/50 (0%) Mean 0% 0/50 (0%) Total 0/50 (0%) Total 0/50 (0%) Mean 0% 0/50 (0%) Total 0/50 (0%) Total 0/50 (0%) Mean 0% 0/41 (0%) Total 0/41 (0%) Mean 0% 0/41 (0%) Mean 0% 0/41 (0%) Model 0/41 (0%)	Tumor Incidence for Selected Contr Route: GAVAGE Vehicle: METHYLCELLU Male Total 0/50 (0%) 0/50 (0%) Maine Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) 0/41 (0%) Mean 0% SD 0% Total 0/41 (0%) 0/41 (0%) Mean 0% SD 0% Total 0/41 (0%) 0/41 (0%) Mean 0% SD 0%	Vehicle: METHYLCELLULOSE Male Male Total 0/50 (0%) 0/50 (0%) SD 0% Total Total 0/50 (0%) Mean 0% SD 0% Total Total 0/50 (0%) 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) 0/41 (0%) Mean 0% SD 0% Total 0/41 (0%) Mean 0% SD 0% Total nt, NOS 0/41 (0%) Mean 0% SD 0% Total	Tumor Incidence for Selected Control Animal Groups Route: CAVAGE Vehicle: METHYLCELLULOSE Male 0/50 0/50 0/60% 0/50 0/700 0/7100 0/7100 0/7100 0/7100 0/7100 0/7100 0/7100 0/7100 0/7100 0/7100 0/7100 0/7100 0/7100 0/7100 0/7100 0/7100 0/7100 0/7100 <td>Male Female Total 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) Mean 0% Total 0/50 (0%) 0/50 (0%) 0/50 (0%) Mean 0% Mean 0% Total 0/50 (0%) 0/50 (0%) Mean 0% SD 0% Total 0/100 (0%) Mean 0% Total 0/50 (0%) 0/50 (0%) Mean 0% SD 0% Total 0/100 (0%) Mean 0% Total 0/50 (0%) 0/50 (0%) Mean 0% SD 0% Mean 0% Mean 0% Total 0/50 (0%) 0/41 (0%) Mean 0% SD 0% Total 0/48 (0%) 0/49 (0%) Total 0/41 (0%) 0/41 (0%) SD 0% Total 0/48 (0%) 0/49 (0%) Total 0/41 (0%) 0/41 (0%) SD 0% Total 0/48 (0%) 0/49 (0%) Total 0/41 (0%) 0/41 (0%) SD 0% Total 0/48 (0%) 0/49 (0%) mt, NOS 0/41 (0%) 0/41 (0%) 0/48 (0%) 0/49 (0%) 0/49 (0%)</td>	Male Female Total 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) Mean 0% Total 0/50 (0%) 0/50 (0%) 0/50 (0%) Mean 0% Mean 0% Total 0/50 (0%) 0/50 (0%) Mean 0% SD 0% Total 0/100 (0%) Mean 0% Total 0/50 (0%) 0/50 (0%) Mean 0% SD 0% Total 0/100 (0%) Mean 0% Total 0/50 (0%) 0/50 (0%) Mean 0% SD 0% Mean 0% Mean 0% Total 0/50 (0%) 0/41 (0%) Mean 0% SD 0% Total 0/48 (0%) 0/49 (0%) Total 0/41 (0%) 0/41 (0%) SD 0% Total 0/48 (0%) 0/49 (0%) Total 0/41 (0%) 0/41 (0%) SD 0% Total 0/48 (0%) 0/49 (0%) Total 0/41 (0%) 0/41 (0%) SD 0% Total 0/48 (0%) 0/49 (0%) mt, NOS 0/41 (0%) 0/41 (0%) 0/48 (0%) 0/49 (0%) 0/49 (0%)

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC		Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: METHYLCELLULOSE					Page: 73 Report Date: 12/18/2020				
			Male		Female						
*Thyroid Gland: C-Cell: Adenoma			0/50 (0%)			0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%			
*Thyroid Gland: C-Cell: Carcinoma			0/50 (0%)			0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%			
*Thyroid Gland: C-Cell: Carcinoma or Adenoma			0/50 (0%)			0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%			
*Thyroid Gland: Follicular Cell Adenoma			0/50 (0%)			0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%			
*Thyroid Gland: Follicular Cell: Carcinoma											
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%			
*Thyroid Gland: Follicular Cell Carcinoma or Adenoma			0/50 (0%)			1/50 (2%)	0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%			

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Tumor Inciden	ent System ol Animal Groups JLOSE	Animal Groups Report Date: 12/18/202				
			Male				Female		
#Tongue: Squamous Cell Carcinoma Overall Incidence	-	-	0/50 (0%)		Tatal	0/50 (0%)	0/50 (0%)	CD 00/	
	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
#Tongue: Squamous Cell Papilloma Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	
#Tooth: Odontoma Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	
'Urinary Bladder: Hemangiosarcoma Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	
'Urinary Bladder: Mast Cell Tumor			0/50 (0%) Mean 0%	SD 0%		0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	
Overall Incidence #Uterus: Adenocarcinoma or Adenor	Total m a	0/50 (0%)	Mean 0%		Total	0/100 (0%) 		0% تر	
Overall Incidence *: Denominator is number of animals #: Denominator is number of animals		xamined microscopically			Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Tumor Incidence for Selected Control A Route: GAVAGE	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: METHYLCELLULOSE				
	Male			Female		
#Uterus: Adenoma						
Overall Incidence		Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	
#Uterus: Adenoma, Adenocarcinoma, Sq Cell Carcinoma, o	r Sq Cell Papilloma					
Overall Incidence		Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	
#Uterus: Fibroma						
Overall Incidence		Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	
EUterus: Granular Cell Tumor Benign						
Dverall Incidence		Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%	
Uterus: Hemangioma						
Overall Incidence		Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%	
Uterus:						
Hemangiosarcoma Overall Incidence		Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	
Overall Incidence *: Denominator is number of animals with tissues examined micr #: Denominator is number of animals negropoied	oscopically	Total	0/100 (0%)	Mean 0%	SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: METHYLCELLULOSE		Page: 76 Report Date: 12/18/2020			
	Male		Female			
#Uterus: Leiomyoma		0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%		
#Uterus: Polyp Stromal						
Overall Incidence	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%		
#Uterus: Sarcoma						
Overall Incidence	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%		
#Uterus: Sarcoma Stromal		0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%		
#Uterus: Sarcoma Stromal or Polyp Stromal						
Overall Incidence	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%		
#Vagina: Hemangioma		0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%		
*: Denominator is number of animals with tissues examined micro	oscopically					

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	i		Toxicol Tumor Inciden Veł		Page: 77 Report Date: 12/18/2020			
			Male	· · · · · · · · · · · · · · · · · · ·			Female	
#Zymbal's Gland: Carcinoma			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Zymbal's Gland: Carcinoma or Adenoma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC

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

				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 Columbus Laboratory	052020304	07/10/07	730	50(1)	33(694)	52.6	Green Tea Extract	
					Female			
Battelle Columbus Laboratory	052020304	07/09/07	729	50(5)	34(665)	62.9	Green Tea Extract	

Version: Dec2020 Contract/Lab: All Laboratori Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Cont Route: GAVAGE Vehicle: WATER		Page: 79 Report Date: 12/18/2020			
			Male			Female			
#All Organs: Benign Tumors		43/50 (86%)				20/50 (40%)			
Overall Incidence	Total	43/50 (86%)	Mean 86%	SD 0%	Total	20/50 (40%)	Mean 40%	SD 0%	
#All Organs: Malignant Tumors		28/50 (56%)				18/50 (36%)			
Overall Incidence	Total	28/50 (56%)	Mean 56%	SD 0%	Total	18/50 (36%)	Mean 36%	SD 0%	
#All Organs: Malignant and Benign Tu Overall Incidence		49/50 (98%) 49/50 (98%)	Mean 98%	SD 0%	Total	29/50 (58%) 29/50 (58%)	Mean 58%	SD 0%	
		()		30 0%	ı olar	29/50 (56%)		30 0%	
#All Organs: Hemangioma Overall Incidence	Total	2/50 (4%) 2/50 (4%)	Mean 4%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
#All Organs: Hemangiosarcoma		5/50 (10%)				2/50 (4%)			
Overall Incidence	Total	5/50 (10%)	Mean 10%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%	
#All Organs: Hemangiosarcoma or He									
		7/50 (14%) 7/50 (14%)	Mean 14%	SD 0%	Total	2/50 (4%) 2/50 (4%)		SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxic e Tumor Incide		Page: 80 Report Date: 12/18/2020			
			Male				Female	
#All Organs: Histiocytic Sarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#All Organs: Leukemia: Lymphocytic, Mo						0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#All Organs: Malignant Lymphoma: Histi Overall Incidence	ocytic, Lym i Total	phocytic, Mixed, NOS, or 4/50 (8%) 4/50 (8%)	Undifferentiated Ce	ell Type SD 0%	Total	7/50 (14%) 7/50 (14%)	Mean 14%	SD 0%
#All Organs: Malignant Schwannoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#All Organs: Osteosarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#All Organs: Osteosarcoma or Osteoma		0/50 (0%)				0/50 (0%)		
	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)		

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				nce for Selected Contr Route: GAVAGE Vehicle: WATER		Page: 81 Report Date: 12/18/2020		
			Male				Female	
*Adrenal Cortex: Adenoma Overall Incidence	Total	1/49 (2%) 1/49 (2.04%)	Mean 2.04%	SD 0%	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%
*Adrenal Medulla: Pheochromocytoma Benigr		0/49 (0%)				0/49 (0%)		
Overall Incidence	Total	0/49 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
*Adrenal Medulla: Pheochromocytoma Malign Overall Incidence	ant Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%
*Adrenal Medulla: Pheochromocytoma: Benig	n, Complex,	, Malignant, NOS 0/49 (0%)				0/49 (0%)		
Overall Incidence	Total	0/49 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
#Blood Vessel: Hemangioma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Blood Vessel: Hemangiosarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxic Tumor Incide		Page: 82 Report Date: 12/18/2020			
			Male				Female	
*Bone Marrow: Hemangiosarcoma		1/50 (2%)				1/50 (2%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%
*Bone Marrow: Mast Cell Tumor Malignant		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
'Bone Marrow: Sarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
έBone: Fibroma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Bone: Hemangioma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Bone: Hemangiosarcoma								
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC		Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: WATER						Page: 83 Report Date: 12/18/2020		
			Male				Female			
#Bone: Osteosarcoma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
#Bone: Osteosarcoma or Osteoma		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#Bone: Sarcoma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
*Brain: Meningioma Malignant Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
	10tai	0/50 (0%)	wean 0%	50 0%	TOLAI	0/50 (0%)	Mean 0%	50 0%		
*Brain: Meningioma: Benign, Maligr	ant, NOS	0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
*Clitoral/Preputial Gland: Mast Cell Tumor		0/50 (0%)				0/49 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%		

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC		Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: WATER						Page: 84 Report Date: 12/18/2020		
			Male				Female			
#Coagulating Gland: Granular Cell Tumor		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#Coagulating Gland: Sarcoma		1/50 (2%)				0/50 (0%)				
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
*Epididymis: Mast Cell Tumor Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%						
#Harderian Gland: Adenoma		7/50 (14%)				2/50 (4%)				
Overall Incidence	Total	7/50 (14%)	Mean 14%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%		
#Harderian Gland: Carcinoma		1/50 (2%)				2/50 (4%)				
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%		
#Harderian Gland: Carcinoma or Adenoma		8/50 (16%)				4/50 (8%)				
Overall Incidence	Total	8/50 (16%)	Mean 16%	SD 0%	Total	4/50 (8%)	Mean 8%	SD 0%		

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Contr Route: GAVAGE Vehicle: WATER			Page: 85 Report Dat	e: 12/18/2020
			Male			Report Date: 12/18/2020 Female 0/50 (0%) Mean 0% SD 0% 0/50 (0%) Mean 0% SD 0%		
#Harderian Gland: Mast Cell Tumor		0/50 (0%)				()		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Heart: Hemangiosarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Intestine Large: Cecum: Leiomyosarcoma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	()	Mean 0%	SD 0%
#Intestine Small: Duodenum: Adenoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Duodenum: Carcinoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	()	Mean 0%	SD 0%
#Intestine Small: Duodenum: Polyp Adenomatous		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Contr Route: GAVAGE Vehicle: WATER	ol Animal Groups		Page: 86 Report Date: 12/18/2020 Female Mean 0% SD 0%				
			Male				Female				
#Intestine Small: Ileum: Adenoma		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
#Intestine Small: Jejunum: Adenoma		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
#Intestine Small: Jejunum: Carcinoma Overall Incidence	Total	2/50 (4%) 2/50 (4%)	Mean 4%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%			
#Intestine Small: Jejunum: Leiomyosarcoma		0/50 (0%)				1/50 (2%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%			
#Intestine Small: Jejunum: Mast Cell Tumor		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
#Intestine Small: Site Unspeci Adenoma						0/50 (09/.)					
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%			
*: Denominator is number of animals						. ,					

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Contr Route: GAVAGE Vehicle: WATER	ol Animal Groups		Page: 87 Report Dat	e: 12/18/2020
			Male				Female	
#Intestine Small: Site Unspeci Carcinoma	fied:							
Overall Incidence	Total	2/50 (4%) 2/50 (4%)	Mean 4%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Unspeci Carcinoma or Adenoma								
Overall Incidence	Total	2/50 (4%) 2/50 (4%)	Mean 4%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Unspeci Leiomyosarcoma		0/50 (0%)				1/50 (2%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%
#Intestine Small: Site Unspeci Mast Cell Tumor	fied:	0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Unspeci Polyp Adenomatous						0/50 (00/)		
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
*Islets, Pancreatic: Adenoma						1/50 (2%)		
Overall Incidence	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ence for Selected Contr Route: GAVAGE Vehicle: WATER			Page: 88 Report Date: 12/18/2020 Female				
			Male				Female				
*Islets, Pancreatic: Carcinoma		1/50 (2%)				0/50 (0%)					
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
*Islets, Pancreatic: Carcinoma or Adenoma		2/50 (4%)				1/50 (2%)					
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%			
*Kidney: Renal Tubule: Adenoma		1/50 (2%)				0/50 (0%)					
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
*Kidney: Renal Tubule: Carcinoma		2/50 (4%)				0/50 (0%)					
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
*Kidney: Renal Tubule: Carcinoma or Adenoma		3/50 (6%)				0/50 (0%)					
Overall Incidence	Total	3/50 (6%)	Mean 6%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
*Kidney: Renal Tubule: Hemangiosarcoma		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Contr Route: GAVAGE Vehicle: WATER	-		Page: 89 Report Date: 12/18/2020				
			Male				Female				
*Kidney: Renal Tubule: Mast Cell Tumor		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
*Kidney: Renal Tubule: Renal Mesenchymal Tumor		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
*Liver: Cholangiocarcinoma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%			
Liver: Hemangioma Overall Incidence	Total	2/50 (4%) 2/50 (4%)	Mean 4%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%			
		. ,				()					
Liver: Hemangiosarcoma		3/50 (6%)				1/50 (2%)					
Overall Incidence	Total	3/50 (6%)	Mean 6%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%			
Liver: Hepatoblastoma		2/50 (4%)				0/50 (0%)					
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				blogy Data Manageme ence for Selected Contr Route: GAVAGE Vehicle: WATER	-		∋: 12/18/2020	
			Male		A Control Animal Groups Report Date: 12/18/2020 VAGE Female Image: Total 12/50 (24%) Total 12/50 (24%) Mean 24% SD 0% Total 5/50 (10%) Total 5/50 (10%) Mean 10% SD 0% Total 5/50 (10%) Mean 10% SD 0% Image: Total 5/50 (10%) Total 5/50 (10%) Mean 10% SD 0% Image: Total 14/50 (28%) Total 14/50 (28%) Mean 28% SD 0%			
*Liver: Hepatocellular Adenoma		35/50 (70%)				12/50 (24%)		
Overall Incidence	Total	35/50 (70%)	Mean 70%	SD 0%		. ,		
*Liver: Hepatocellular Carcinoma		15/50 (30%)						
Overall Incidence	Total	15/50 (30%)	Mean 30%	SD 0%		5/50 (10%)	Mean 10%	SD 0%
*Liver: Hepatocellular Carcinoma (Overall Incidence			Mean 34%	SD 0%		5/50 (10%)	Mean 10%	SD 0%
*Liver: Hepatocellular Carcinoma o Overall Incidence		·····	Mean 80%	SD 0%		14/50 (28%)	Mean 28%	SD 0%
		()						
*Liver: Hepatocellular Carcinoma,	Hepatocellu	llar Adenoma, or Hepatok 40/50 (80%)	blastoma			14/50 (28%)		
Overall Incidence	Total	40/50 (80%)	Mean 80%	SD 0%		14/50 (28%)		
*Liver: Hepatocholangiocarcinoma								
		0/50 (0%)				0/50 (0%)		

Version: Dec2020 Contract/Lab: All Laboratorie Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	s			blogy Data Manageme ence for Selected Contr Route: GAVAGE Vehicle: WATER			Page: 91 Report Date: 12/18/2020 Female Mean 0% SD 0% Mean 0% SD 0%			
			Male				Female			
*Liver: Ito Cell Tumor Benign		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
*Liver: Mast Cell Tumor		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)				
*Lung: Alveolar/Bronchiolar Ade Overall Incidence		12/50 (24%) 12/50 (24%)	Mean 24%	SD 0%	Total	5/50 (10%) 5/50 (10%)	Mean 10%	SD 0%		
*Lung: Alveolar/Bronchiolar Card	inoma	2/50 (4%)				1/50 (2%)				
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%		
*Lung: Alveolar/Bronchiolar Card		14/50 (28%)		05.00	T 1	6/50 (12%)	Marca 40%	25.0%		
Overall Incidence	Total	14/50 (28%)	Mean 28%	SD 0%	Total	6/50 (12%)	Mean 12%	SD 0%		
*Lung: Hemangiosarcoma		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Contr Route: GAVAGE Vehicle: WATER			Page: 92 Report Date: 12/18/2020				
			Male				Female %) Mean 0% SD 0% %) Mean 0% SD 0%				
*Lung: Mast Cell Tumor		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
#Lymph Node: Hemangiosarcoma		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
#Lymph Node: Mast Cell Tumor Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%			
#Lymph Node, Mandibular: Mast Cell Tumor Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%			
#Lymph Node, Mandibular: Mast Cell Tumor Malignant		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)					
#Lymph Node, Mesenteric: Hemangioma		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Contr Route: GAVAGE Vehicle: WATER	ol Animal Groups		e: 12/18/2020	
			Male	<u> </u>			Female	
#Lymph Node, Mesenteric: Hemangiosarcoma		1/50 (2%)				0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Lymph Node, Mesenteric: Mast Cell Tumor		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Lymph Node, Mesenteric: Mast Cell Tumor Malignant Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
		0,00 (0,0)						
#Mammary Gland: Adenoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Mammary Gland: Carcinoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Mammary Gland: Carcinoma or Adenoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Contr Route: GAVAGE Vehicle: WATER	-		Page: 94 Report Dat	Report Date: 12/18/2020 Female Mean 0% SD 0%		
			Male				Female			
#Mammary Gland: Fibroma, Fibroadenoma or	Adenoma	0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#Mammary Gland: Fibroma, Fibroadenoma, Ca		Adenoma 0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#Mesentery: Hemangioma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
#Mesentery: Hemangiosarcoma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Moon 0%	SD 00/		
	TOLAI	0/50 (0%)	Mean 0%	50 0%	TOLAI	0/50 (0%)	Mean 0%	50 0%		
#Mesentery: Lipoma		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#Mesentery: Sarcoma		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ence for Selected Contr Route: GAVAGE Vehicle: WATER	-		e: 12/18/2020	
			Male				Female	
*Nose: Adenoma		0/50 (0%)				1/48 (2%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/48 (2.08%)	Mean 2.08%	SD 0%
'Nose: Carcinoma		0/50 (0%)				0/48 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/48 (0%)	Mean 0%	SD 0%
'Nose: Polyp		0/50 (0%)				0/48 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/48 (0%)	Mean 0%	SD 0%
#Oral Cavity (Oral Mucosa, To Papilloma Squamous or Pa	ongue, Phary							
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
⊄Oral Cavity (Oral Mucosa, To Squamous Cell Carcinoma	ongue, Phary							
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Oral Cavity (Oral Mucosa, To Squamous Cell Carcinoma,	ongue, Phary	ynx, Tooth, Gingiva):				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*: Denominator is number of animals	s with tissues e							

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				Diogy Data Manageme ence for Selected Contr Route: GAVAGE Vehicle: WATER	-		Page: 96 Report Date: 12/18/2020 Female Mean 0% SD 0% Mean 2% SD 0% Mean 6% SD 0%		
			Male				Report Date: 12/18/2020 Female Mean 0% SD 0% Mean 2% SD 0% Mean 6% SD 0%		
#Oral Mucosa: Squamous Cell Carcinoma		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
*Ovary: Cystadenocarcinoma						1/50 (2%)			
Overall Incidence					Total	1/50 (2%)	Mean 2%	SD 0%	
*Ovary: Cystadenoma						2/50 (00/)			
Overall Incidence					Total	3/50 (6%) 3/50 (6%)			
'Ovary: Granulosa Cell Tumor Benig	jn					0/50 (00/)			
Overall Incidence					Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
*Ovary: Granulosa Cell Tumor Malig	nant								
Overall Incidence					Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
*Ovary: Granulosa Cell Tumor: Beni	gn, Malignar	nt, NOS							
Overall Incidence					Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
*: Denominator is number of animals #: Denominator is number of animals		amined microscopically							

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: WATER	Animal Groups Report Date: 12/18/2020				
	Male		Female			
*Ovary: Granulosa-Theca Tumor Malignant Overall Incidence	Tetel	0/50 (0%)	Maar 0%			
	Total	0/50 (0%)	Mean 0%	SD 0%		
*Ovary: Hemangioma		0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%		
*Ovary: Hemangiosarcoma	Tetel	0/50 (0%)		00.0%		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%		
*Ovary: Luteoma		0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%		
*Ovary: Sarcoma						
Overall Incidence	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%		
*Ovary: Thecoma Malignant						
		0/50 (0%)		CD 00/		
Overall Incidence *: Denominator is number of animals with tissues examined micro		0/50 (0%)	Mean 0%	SD 0%		

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				logy Data Manageme nce for Selected Contr Route: GAVAGE Vehicle: WATER	ol Animal Groups		Page: 98 Report Date: 12/18/2020 Female			
			Male		: WATER Female Total 0/50 (0%) Total 0/50 (0%) Mean 0% SD 0% 6 Total 0/50 (0%) Mean 0% SD 0% 6 Total 0/35 (0%) Mean 0% SD 0% 0/35 (0%)					
*Ovary: Tubulostromal Adenoma										
Overall Incidence						0/50 (0%)				
*Pancreas: Mast Cell Tumor										
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	. ,	Mean 0%	SD 0%		
*Parathyroid Gland: Adenoma		0/41 (0%)				0/35 (0%)				
Overall Incidence	Total	0/41 (0%)	Mean 0%	SD 0%		0/35 (0%)				
*Parathyroid Gland: Carcinoma		0/41 (0%)								
Overall Incidence	Total	0/41 (0%)	Mean 0%	SD 0%		0/35 (0%)	Mean 0%	SD 0%		
*Pituitary Gland: Pars Distalis Adenoma										
Overall Incidence	Total	1/49 (2%) 1/49 (2.04%)	Mean 2.04%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
*Pituitary Gland: Pars Distalis Carcinoma	or Unspeci					2/52 (22/)				
Overall Incidence	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		

Version: Dec2020 Contract/Lab: All Laboratorie Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	25			nce for Selected Contr Route: GAVAGE Vehicle: WATER	-		Page: 99 Report Date: 12/18/2020 Female				
			Male				Female				
*Pituitary Gland: Pars Dista Carcinoma or Adenoma	lis or Unspeci	ified Site:									
		1/49 (2%)				0/50 (0%)					
Overall Incidence	Total	1/49 (2.04%)	Mean 2.04%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
*Pituitary Gland: Pars Interr Adenoma											
Overall Incidence	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%			
*Pituitary Gland: Pars Interr Carcinoma		0/49 (0%)				0/50 (0%)					
Overall Incidence	Total	0/49 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
*Pituitary Gland: Pars Interr Carcinoma or Adenoma						0/50 (0%)					
Overall Incidence	Total	0/49 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%			
*Pituitary Gland: Pars Interr Schwannoma Malignant											
Overall Incidence	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%			
*Prostate: Hemangiosarcoma		0/50 (0%)									
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%							

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				cology Data Management SystemPage: 100dence for Selected Control Animal GroupsReport Date: 12/18/2020Route: GAVAGEVehicle: WATER						
			Male		Initial Groups Report Date: 12/1 GAVAGE Female Female No. % 0/50 (0%) % Total 0/50 (0%) Mean 0% % 0/50 (0%) % Total 0/50 (0%) Mean 0% % 0/50 (0%)					
*Prostate: Mast Cell Tumor		0/50 (0%)								
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%						
*Salivary Glands: Adenoma		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total		Mean 0%	SD 0%		
*Salivary Glands: Carcinoma		0/50 (0%)				()				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
*Salivary Glands: Carcinoma or Adenoma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total		Mean 0%	SD 0%		
*Salivary Glands: Hemangiosarcoma		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%		0/50 (0%)		SD 0%		
*Salivary Glands: Mast Cell Tumor		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Page: 101 Report Date: 12/18/2020					
			Male				Female	
*Salivary Glands: Myxosarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Seminal Vesicle: Adenoma		0/50 (0%)						
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%				
#Seminal Vesicle: Fibroma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%				
#Skeletal Muscle: Hemangiosarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Skeletal Muscle: Osteosarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Skeletal Muscle: Rhabdomyosarcoma		0/50 (0%)				2/50 (4%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxic Tumor Incid	Page: 102 Report Date: 12/18/2020 Female				
			Male	· · · · · · · · · · · · · · · · · · ·			Female	
#Skeletal Muscle: Rhabdomyosarcoma or Rh	abdomyoma	0/50 (0%)			2/50 (4%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%
#Skeletal Muscle: Sarcoma			·····					
Overall Incidence	Total	0/50 (0%) 0/50 (0%)) Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Skin: Basal Cell Adenoma Overall Incidence	Total	0/50 (0% 0/50 (0%)		SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Skin: Basal Cell Adenoma or Bas	sosquamous	Tumor Benign 0/50 (0%)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Skin: Basal Cell Adenoma, Baso	squamous Ti	umor Benign, or Tric 0/50 (0%				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Skin: Basal Cell Carcinoma		0/50 (0%				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%

Length of Study: CHRONIC #Skin: Basal Cell Carcinoma or Ba Dverall Incidence #Skin: Basal Cell Carcinoma, Basa NOS), or Trichoepithelioma	Total	0/50 (0%) 0/50 (0%) oma, Basosquamous Tun	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Page: 103 Report Date: 12/18/2020 Female Mean 0% SD 0%		
Basal Cell Carcinoma or Ba Overall Incidence #Skin: Basal Cell Carcinoma, Basa NOS), or Trichoepithelioma Overall Incidence	Total	0/50 (0%) 0/50 (0%) oma, Basosquamous Tun	DS) Mean 0%			0/50 (0%)		SD 0%	
Basal Cell Carcinoma or Ba Overall Incidence #Skin: Basal Cell Carcinoma, Basa NOS), or Trichoepithelioma Overall Incidence	Total	0/50 (0%) 0/50 (0%) oma, Basosquamous Tun	Mean 0%			0/50 (0%)	Mean 0%	SD 0%	
≮Skin: Basal Cell Carcinoma, Basa NOS), or Trichoepithelioma Dverall Incidence	al Cell Adeno	oma, Basosquamous Tun				()	Mean 0%	SD 0%	
έSkin: Basal Cell Carcinoma, Basa NOS), or Trichoepithelioma Dverall Incidence	al Cell Adeno	oma, Basosquamous Tun							
		0/50 (0%)	.e. (Jernigh, mangha	ant or		0/50 (0%)			
	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
Basal or Sq. Cell Carcinoma Adenoma, Papilloma, Sq Pa Overall Incidence	apilloma, Ker	atoacanthoma, Trichoep 0/50 (0%) 0/50 (0%)	ithelioma Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
Skin: Fibroma		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
Skin: Fibroma, Fibrosarcoma, Sar Hemangiopericytoma		oma, Myxosarcoma, Malig		ocytoma, or					
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
Skin: Fibroma, Fibrosarcoma, Sar						0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	

Version: Dec2020 Contract/Lab: All Laboratori Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: GAVAGE Vehicle: WATER					:e: 12/18/2020
			Male				(0%) 0%) Mean 0% SD 0% (0%) 0%) Mean 0% SD 0% (0%) 0%) Mean 0% SD 0% (0%)	
#Skin: Fibrosarcoma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Skin:		·····	······					
Fibrosarcoma, Sarcoma,	Myxosarcoma	, or Malignant Fibrous Hi 0/50 (0%)	stiocytoma			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)		
#Skin: Fibrous Histiocytoma Ma Overall Incidence		0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total			
#Skin: Hemangioma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Skin: Hemangiosarcoma		0/50 (0%)						
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)		
#Skin: Keratoacanthoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Contr Route: GAVAGE Vehicle: WATER	rol Animal Groups		Mean 0% SD 0%) Mean 0% SD 0%			
			Male				Report Date: 12/18/2020 Female (0%) Mean 0% SD 0% (0%) Mean 0% SD 0%			
#Skin: Lipoma		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#Skin: Liposarcoma		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)				
#Skin: Malignant Fibrous Histiocyt		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#Skin: Melanoma Benign		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
¥Skin: Neurofibrosarcoma or Schw						0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#Skin: Neurofibrosarcoma, Neurofi		Schwannoma (benign, ma 0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
*: Denominator is number of animals #: Denominator is number of animals										

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Contr Route: GAVAGE Vehicle: WATER	Page: 106 Report Date: 12/18/2020				
			Male			Report Date: 12/18/2020 Female			
#Skin: Osteosarcoma		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)			
#Skin: Pilomatrixoma		0/50 /00/)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
#Skin: Sarcoma		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
fSkin: Schwannoma Malignant Dverall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
≭Skin: Squamous Cell Carcinoma, or Carcinoma	Basal Cell C	carcinoma, Basosquamo	ous Tumor (malignar	nt or NOS),					
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)			
#Skin: Squamous Cell Papilloma		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Contr Route: GAVAGE Vehicle: WATER	•		Page: 107 Report Date: 12/18/2020				
			Male				Female				
#Skin: Squamous Cell Papilloma or Overall Incidence	Papilloma Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%			
		0/50 (0%)				· · ·					
#Skin: Squamous Cell Papilloma, F	apilloma, So	quamous Cell Carcinom 0/50 (0%)	a or Keratoacantho	ma		0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
#Skin: Squamous Cell Papilloma, F Overall Incidence			Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%			
		0,00 (0,0)				()					
#Spinal Cord: Astrocytoma Malignant		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
#Spinal Cord: Schwannoma Malignant		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
*Spleen: Hemangiosarcoma		2/50 (4%)				0/50 (0%)					
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Contr Route: GAVAGE Vehicle: WATER	-		Page: 108 Report Date: 12/18/2020				
			Male Female Male Female (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD (0%) Mean 0% SD 0% Total 1/50 (2%) Mean 0% SD (0%) Mean 0% SD 0% Total 1/50 (2%) Mean 2% SD (0%) Mean 0% SD 0% Total 1/50 (2%) Mean 2% SD (0%) Mean 0% SD 0% Total 1/50 (2%) Mean 4% SD (0%) Mean 0% SD 0% Total 1/50 (2%) Mean 4% SD (0%) Mean 0% SD 0% Total 1/50 (2%) Mean 2% SD (0%) Mean 0% SD 0% Total 1/50 (2%) Mean 2% SD (0%) Mean 0% SD 0% Total 1/50 (2%) Mean 2% SD (0%) Mean 0% SD 0% Total 1/50 (2%) Mean 2% SD								
#Stomach, Forestomach: Mast Cell Tumor Malignant		()				()					
Overall Incidence	Total	0/50 (0%)	IVIEan U%	SD 0%	I OTAI	0/50 (0%)	Mean U%	SD 0%			
#Stomach, Forestomach: Squamous Cell Carcinoma		0/50 (0%)				1/50 (2%)					
Overall Incidence	Total	0/50 (0%)		SD 0%	Total	()	Mean 2%	SD 0%			
#Stomach, Forestomach: Squamous Cell Carcinoma o Overall Incidence		a Squamous		SD 0%	Total	()	Mean 4%	SD 0%			
#Stomach, Forestomach: Squamous Cell Papilloma		0/50 (0%)				1/50 (2%)					
Overall Incidence	Total	0/50 (0%)				1/50 (2%)	Mean 2%	SD 0%			
#Stomach, Glandular: Adenoma						0/50 (0%)					
Overall Incidence	Total	0/50 (0%)				0/50 (0%)		SD 0%			
#Stomach, Glandular: Carcinoma		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Contr Route: GAVAGE Vehicle: WATER	-		Page: 109 Report Dat	e: 12/18/2020
			Male				Female	
#Stomach, Glandular: Carcinoma or Adenoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Testis: Adenoma		1/50 (2%)						
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%				
*Testis: Hemangioma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%				
*Thymus: Thymoma Benign Overall Incidence	Total	0/44 (0%) 0/44 (0%)		SD 0%	Total	0/47 (0%) 0/47 (0%)	Mean 0%	SD 0%
	TULAI	0/44 (076)			TOLAI	0/47 (078)		50 0%
*Thymus: Thymoma NOS		0/44 (0%)				0/47 (0%)		
Overall Incidence	Total	0/44 (0%)	Mean 0%	SD 0%	Total	0/47 (0%)	Mean 0%	SD 0%
*Thymus: Thymoma: Benign, Maligna		0/44 (0%)				0/47 (0%)		
Overall Incidence	Total	0/44 (0%)	Mean 0%	SD 0%	Total	0/47 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				blogy Data Manageme ence for Selected Contr Route: GAVAGE Vehicle: WATER	-		Page: 110 Report Da	te: 12/18/2020
			Male				Female	
*Thyroid Gland: C-Cell: Adenoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Thyroid Gland: C-Cell: Carcinoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Thyroid Gland: C-Cell: Carcinoma or Adenoma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
Thyroid Gland: Follicular Cell: Adenoma		1/50 (2%)				0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
'Thyroid Gland: Follicular Cell: Carcinoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
Thyroid Gland: Follicular Cell: Carcinoma or Adenoma		1/50 (2%)				0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Contr Route: GAVAGE Vehicle: WATER			Page: 111 Report Dat	te: 12/18/2020
			Male				Female	
#Tongue: Squamous Cell Carcinoma (-	0/50 (0%)				0/50 (0%)	M - 00/	05.0%
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Tongue: Squamous Cell Papilloma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Tooth: Odontoma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
Urinary Bladder: Hemangiosarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
Urinary Bladder: Mast Cell Tumor		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Uterus: Adenocarcinoma or Adenor	na					0/50 (0%)		
Overall Incidence					Total	0/50 (0%)	Mean 0%	SD 0%
*: Denominator is number of animals #: Denominator is number of animals		xamined microscopically						

		Female	
	0/50 (0%)		
Total	0/50 (0%)	Mean 0%	SD 0%
	0/50 (0%)		
Total	0/50 (0%)	Mean 0%	SD 0%
Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
	0/50 (0%)		
Total	0/50 (0%)	Mean 0%	SD 0%
T - (-)	0/50 (0%)	Magaz 00/	
Total	0/50 (0%)	Mean 0%	SD 0%
Total		Mean 0%	SD 0%
I Utal	0,00 (0,0)		
	Total	0/50 (0%)	0/50 (0%)

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management Sys Tumor Incidence for Selected Control Anir Route: GAVAGE Vehicle: WATER			Page: 113 Report Dat	e: 12/18/2020
	Male			Female	
#Uterus: Leiomyoma			0/50 (0%)		
Overall Incidence		Total	0/50 (0%)	Mean 0%	SD 0%
#Uterus: Polyp Stromal			2/50 (49()		
Overall Incidence		Total	2/50 (4%) 2/50 (4%)	Mean 4%	SD 0%
#Uterus: Sarcoma			0/50 (0%)		
Overall Incidence		Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Uterus: Sarcoma Stromal			0/50 (0%)		
Overall Incidence		Total	0/50 (0%)	Mean 0%	SD 0%
#Uterus: Sarcoma Stromal or Polyp Stromal					
Overall Incidence		Total	2/50 (4%) 2/50 (4%)	Mean 4%	SD 0%
#Vagina: Hemangioma					
Overall Incidence		Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
*: Denominator is number of animals with tissues examined micro	oscopically				

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxic a Tumor Incide		Page: 114 Report Date: 12/18/2020			
			Male				Female	
#Zymbal's Gland: Carcinoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Zymbal's Gland: Carcinoma or Adenoma		0/50 (00()				0/50 (0)()		
Overall Incidence	Total	0/50 (0%) 0/50 (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

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	052060104	10/06/08	729	50(5)	38(708)	52.1	Antimony trioxide
Battelle Northwest	052072504	08/31/09	729	50(5)	35(697)	51.1	2,3-Butanedione
Battelle Northwest	052051504	05/05/08	729	50(5)	39(709)	52.6	Metal Working Fluids: CIMSTAR 3800
Battelle Northwest	052052304	08/03/09	729	50(5)	38(692)	52.4	Metal Working Fluids: TRIM VX
Battelle Northwest	051047204	01/31/11	729	50(5)	40(705)	52.7	p-Chloro-a,a,a-trifluorotoluene
					Female		
Battelle Northwest	052060104	10/06/08	731	50(5)	36(692)	54.1	Antimony trioxide
Battelle Northwest	052072504	08/31/09	731	50(5)	36(697)	51.0	2,3-Butanedione
Battelle Northwest	052051504	05/05/08	731	50(5)	39(696)	59.2	Metal Working Fluids: CIMSTAR 3800
Battelle Northwest	052052304	08/03/09	731	50(5)	35(692)	57.9	Metal Working Fluids: TRIM VX
Battelle Northwest	051047204	01/31/11	731	50(5)	38(700)	55.9	p-Chloro-a,a,a-trifluorotoluene

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

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			Male				Female	
#All Organs: Benign Tumors								
		37/50 (74%) 32/50 (64%)	22/50 (44%) 32/50 (64%)	39/50 (78%)		25/50 (50%) 23/50 (46%)	15/50 (30%) 24/50 (48%)	26/50 (52%)
Overall Incidence	Total	162/250 (64.8%)	Mean 64.8%	SD 13.16%	Total	113/250 (45.2%)	Mean 45.2%	SD 8.79%
All Organs: Malignant Tumors								
		25/50 (50%) 32/50 (64%)	27/50 (54%) 25/50 (50%)	26/50 (52%)		25/50 (50%) 27/50 (54%)	24/50 (48%) 24/50 (48%)	30/50 (60%)
Overall Incidence	Total	135/250 (54%)	Mean 54%	SD 5.83%	Total	130/250 (52%)	Mean 52%	SD 5.1%
#All Organs: Malignant and Benign Tu		45/50 (90%) 42/50 (84%)	37/50 (74%) 44/50 (88%)	46/50 (92%)		35/50 (70%) 38/50 (76%)	34/50 (68%) 38/50 (76%)	41/50 (82%)
Overall Incidence	Total	214/250 (85.6%)	Mean 85.6%	SD 7.13%	Total	186/250 (74.4%)	Mean 74.4%	SD 5.55%
≮All Organs: Hemangioma		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)		0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
#All Organs: Hemangiosarcoma								
		2/50 (4%) 0/50 (0%)	1/50 (2%) 2/50 (4%)	1/50 (2%)		4/50 (8%) 2/50 (4%)	0/50 (0%) 3/50 (6%)	3/50 (6%)
Overall Incidence	Total	6/250 (2.4%)	Mean 2.4%	SD 1.67%	Total	12/250 (4.8%)	Mean 4.8%	SD 3.03%

*: 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	
#All Organs: Hemangiosarcoma or H	emangioma							
		2/50 (4%) 0/50 (0%)	1/50 (2%) 2/50 (4%)	2/50 (4%)		4/50 (8%) 3/50 (6%)	0/50 (0%) 3/50 (6%)	3/50 (6%)
Overall Incidence	Total	7/250 (2.8%)	Mean 2.8%	SD 1.79%	Total	13/250 (5.2%)	Mean 5.2%	SD 3.03%
#All Organs: Histiocytic Sarcoma								
		1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)		3/50 (6%) 4/50 (8%)	1/50 (2%) 2/50 (4%)	2/50 (4%)
Overall Incidence	Total	2/250 (0.8%)	Mean 0.8%	SD 1.1%	Total	12/250 (4.8%)	Mean 4.8%	SD 2.28%
Overall Incidence	Total	0/50 (0%) 0/50 (0%) 0/250 (0%)	0/50 (0%) 0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/50 (0%) 0/250 (0%)	0/50 (0%) 0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#All Organs: Malignant Lymphoma: H	listiocytic. Lym	phocytic, Mixed, NOS, or	Undifferentiated Cel	Type				
	, , ,,,,,,,,	4/50 (8%) 6/50 (12%)	6/50 (12%) 6/50 (12%)	3/50 (6%)		7/50 (14%) 10/50 (20%)	9/50 (18%) 9/50 (18%)	18/50 (36%)
Overall Incidence	Total	25/250 (10%)	Mean 10%	SD 2.83%	Total	53/250 (21.2%)	Mean 21.2%	SD 8.56%
	l							
#All Organs:	I	0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	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	
#All Organs: Osteosarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#All Organs: Osteosarcoma or Osteoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
*Adrenal Cortex: Adenoma								
		4/49 (8%) 3/50 (6%)	2/50 (4%) 0/50 (0%)	9/49 (18%)		1/50 (2%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	0/49 (0%)
Overall Incidence	Total	18/248 (7.26%)	Mean 7.31%	SD 6.88%	Total	2/249 (0.8%)	Mean 0.8%	SD 1.1%
*Adrenal Medulla: Pheochromocytoma Benign								
		0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/48 (2%)		0/50 (0%) 2/50 (4%)	1/50 (2%) 1/50 (2%)	1/49 (2%)
Overall Incidence	Total	1/247 (0.4%)	Mean 0.42%	SD 0.93%	Total	5/249 (2.01%)	Mean 2.01%	SD 1.41%
*Adrenal Medulla: Pheochromocytoma Maligna	nt							
		0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/48 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/49 (0%)
Overall Incidence	Total	0/247 (0%)	Mean 0%	SD 0%	Total	0/249 (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	
*Adrenal Medulla:								
Pheochromocytoma: Be	enign, Complex	A Malignant, NOS						
		0/49 (0%)	0/50 (0%)	1/48 (2%)		0/50 (0%)	1/50 (2%)	1/49 (2%)
		0/50 (0%)	0/50 (0%)			2/50 (4%)	1/50 (2%)	
Overall Incidence	Total	1/247 (0.4%)	Mean 0.42%	SD 0.93%	Total	5/249 (2.01%)	Mean 2.01%	SD 1.41%
#Blood Vessel: Hemangioma								
-		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Blood Vessel: Hemangiosarcoma								
-		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
Bone Marrow: Hemangiosarcoma								
		0/49 (0%)	0/48 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	0/247 (0%)	Mean 0%	SD 0%	Total	0/249 (0%)	Mean 0%	SD 0%
Bone Marrow: Mast Cell Tumor Maligna	ant							
-		0/49 (0%)	1/48 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)			0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	2/247 (0.81%)	Mean 0.82%	SD 1.12%	Total	0/249 (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	
Bone Marrow: Sarcoma								
		0/49 (0%) 0/50 (0%)	0/48 (0%) 0/50 (0%)	0/50 (09	%)	0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)
Overall Incidence	Total	0/247 (0%)	Mean 0%	SD 0%	Total	1/249 (0.4%)	Mean 0.4%	SD 0.89%
#Bone: Fibroma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (09	%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Bone: Hemangioma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (09	%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Bone: Hemangiosarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (09	%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Bone: Osteosarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (04	%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (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	
#Bone: Osteosarcoma or Osteoma									
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50	(0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	0/250 (0%)	Mean 0%	SD 0%
#Bone: 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%) 0/50 (0%)	1/50 (2%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
*Brain: Meningioma 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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	0/250 (0%)	Mean 0%	SD 0%
*Brain: Meningioma: Benign, Maligr									
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50	(0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	0/250 (0%)	Mean 0%	SD 0%
*Clitoral/Preputial Gland: Mast Cell Tumor									
		0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%)	0/50	(0%)		0/48 (0%) 0/46 (0%)	0/47 (0%) 0/48 (0%)	0/44 (0%)
Overall Incidence	Total	0/249 (0%)	Mean 0%	SD 0%		Total	0/233 (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	
#Coagulating Gland: Granular Cell 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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Coagulating Gland: 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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
*Epididymis: Mast Cell Tumor								
		0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/249 (0%)	Mean 0%	SD 0%				
#Harderian Gland: Adenoma								
		6/50 (12%) 4/50 (8%)	3/50 (6%) 5/50 (10%)	7/50 (14%)		3/50 (6%) 1/50 (2%)	3/50 (6%) 2/50 (4%)	2/50 (4%)
Overall Incidence	Total	25/250 (10%)	Mean 10%	SD 3.16%	Total	11/250 (4.4%)	Mean 4.4%	SD 1.67%
#Harderian Gland: Carcinoma								
		1/50 (2%) 2/50 (4%)	0/50 (0%) 1/50 (2%)	5/50 (10%)		4/50 (8%) 3/50 (6%)	1/50 (2%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	9/250 (3.6%)	Mean 3.6%	SD 3.85%	Total	8/250 (3.2%)	Mean 3.2%	SD 3.63%

*: 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	
#Harderian Gland: Carcinoma or Adenoma								
		7/50 (14%) 6/50 (12%)	3/50 (6%) 6/50 (12%)	12/50 (24%)		7/50 (14%) 4/50 (8%)	4/50 (8%) 2/50 (4%)	2/50 (4%)
Overall Incidence	Total	34/250 (13.6%)	Mean 13.6%	SD 6.54%	Total	19/250 (7.6%)	Mean 7.6%	SD 4.1%
#Harderian Gland: Mast Cell 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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
*Heart: Hemangiosarcoma								
		0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (0%)	Mean 0%	SD 0%
#Intestine Large: Cecum: 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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Intestine Small: Duodenum: Adenoma								
		2/50 (4%) 2/50 (4%)	0/50 (0%) 0/50 (0%)	1/50 (2%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)
Overall Incidence	Total	5/250 (2%)	Mean 2%	SD 2%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%

*: 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: 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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Intestine Small: Duodenum: Polyp Adenomatous								
		0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (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%) 1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
#Intestine Small: Jejunum: 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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Intestine Small: Jejunum: Carcinoma								
		1/50 (2%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	2/250 (0.8%)	Mean 0.8%	SD 1.1%	Total	0/250 (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: Jejunum: Leiomyosarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%	b)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Intestine Small: Jejunum: Mast Cell Tumor								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%	b)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Unspec Adenoma								
		2/50 (4%) 2/50 (4%)	0/50 (0%) 0/50 (0%)	1/50 (2%	b)	0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	1/50 (2%)
Overall Incidence	Total	5/250 (2%)	Mean 2%	SD 2%	Total	2/250 (0.8%)	Mean 0.8%	SD 1.1%
#Intestine Small: Site Unspec Carcinoma								
		1/50 (2%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%	b)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	2/250 (0.8%)	Mean 0.8%	SD 1.1%	Total	0/250 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Unspec Carcinoma or Adenoma								
		3/50 (6%) 2/50 (4%)	0/50 (0%) 1/50 (2%)	1/50 (2%	b)	0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	1/50 (2%)
Overall Incidence	Total	7/250 (2.8%)	Mean 2.8%	SD 2.28%	Total	2/250 (0.8%)	Mean 0.8%	SD 1.1%

*: 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	
#Intestine Small: Site Un 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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Intestine Small: Site Un Mast Cell Tumor	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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Intestine Small: Site Un Polyp Adenomatous								
		0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (0%)	Mean 0%	SD 0%
Islets, Pancreatic: Adenoma								
		0/49 (0%) 0/50 (0%)	0/48 (0%) 1/50 (2%)	2/50 (4%)		0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	1/50 (2%)
Overall Incidence	Total	3/247 (1.21%)	Mean 1.2%	SD 1.79%	Total	1/249 (0.4%)	Mean 0.4%	SD 0.89%
Islets, Pancreatic: Carcinoma								
		0/49 (0%) 0/50 (0%)	0/48 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/247 (0%)	Mean 0%	SD 0%	Total	0/249 (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	
Islets, Pancreatic: Carcinoma or Adenoma								
		0/49 (0%) 0/50 (0%)	0/48 (0%) 1/50 (2%)	2/50 (4%)		0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	1/50 (2%)
Overall Incidence	Total	3/247 (1.21%)	Mean 1.2%	SD 1.79%	Total	1/249 (0.4%)	Mean 0.4%	SD 0.89%
Kidney: Renal Tubule: Adenoma								
		0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/49 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/249 (0%)	Mean 0%	SD 0%	Total	1/249 (0.4%)	Mean 0.4%	SD 0.89%
*Kidney: Renal Tubule: Carcinoma								
		0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/49 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/249 (0%)	Mean 0%	SD 0%	Total	1/249 (0.4%)	Mean 0.4%	SD 0.89%
*Kidney: Renal Tubule: Carcinoma or Adenoma								
		0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/49 (0%)	1/50 (2%) 1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/249 (0%)	Mean 0%	SD 0%	Total	2/249 (0.8%)	Mean 0.8%	SD 1.1%
*Kidney: Renal Tubule: Hemangiosarcoma								
		0/50 (0%) 0/50 (0%)	0/49 (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	0/249 (0%)	Mean 0%	SD 0%	Total	0/249 (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: Mast Cell Tumor								
		0/50 (0%) 0/50 (0%)	0/49 (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	0/249 (0%)	Mean 0%	SD 0%	Total	0/249 (0%)	Mean 0%	SD 0%
Kidney: Renal Tubule: Renal Mesenchymal Tumor								
		0/50 (0%) 0/50 (0%)	0/49 (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	0/249 (0%)	Mean 0%	SD 0%	Total	0/249 (0%)	Mean 0%	SD 0%
Liver: Cholangiocarcinoma								
		1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (0%)	Mean 0%	SD 0%
Liver: Hemangioma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Liver: Hemangiosarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (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	
*Liver: Hepatoblastoma								
		2/50 (4%) 0/50 (0%)	1/50 (2%) 1/50 (2%)	0/50 (0%)		0/50 (0%) 1/50 (2%)	1/50 (2%) 0/50 (0%)	1/50 (2%)
Overall Incidence	Total	4/250 (1.6%)	Mean 1.6%	SD 1.67%	Total	3/250 (1.2%)	Mean 1.2%	SD 1.1%
Liver: Hepatocellular Adenom								
		30/50 (60%) 23/50 (46%)	17/50 (34%) 25/50 (50%)	24/50 (48%)		11/50 (22%) 9/50 (18%)	6/50 (12%) 12/50 (24%)	14/50 (28%)
Overall Incidence	Total	119/250 (47.6%)	Mean 47.6%	SD 9.32%	Total	52/250 (20.8%)	Mean 20.8%	SD 6.1%
*Liver: Hepatocellular Carcino								
		15/50 (30%) 21/50 (42%)	17/50 (34%) 8/50 (16%)	11/50 (22%)		6/50 (12%) 7/50 (14%)	5/50 (10%) 7/50 (14%)	10/50 (20%)
Overall Incidence	Total	72/250 (28.8%)	Mean 28.8%	SD 10.16%	Total	35/250 (14%)	Mean 14%	SD 3.74%
*Liver: Hepatocellular Carcino								
		16/50 (32%) 21/50 (42%)	18/50 (36%) 9/50 (18%)	11/50 (22%)		6/50 (12%) 7/50 (14%)	6/50 (12%) 7/50 (14%)	10/50 (20%)
Overall Incidence	Total	75/250 (30%)	Mean 30%	SD 9.9%	Total	36/250 (14.4%)	Mean 14.4%	SD 3.29%
*Liver: Hepatocellular Carcino	ma or Hepatoce	ellular Adenoma						
	-	39/50 (78%) 34/50 (68%)	31/50 (62%) 30/50 (60%)	32/50 (64%)		14/50 (28%) 15/50 (30%)	11/50 (22%) 18/50 (36%)	20/50 (40%)
Overall Incidence	Total	166/250 (66.4%)	Mean 66.4%	SD 7.13%	Total	78/250 (31.2%)	Mean 31.2%	SD 7.01%

*: 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 Carcinor	na, Hepatocell	ular Adenoma, or Hepatok						
		39/50 (78%) 34/50 (68%)	32/50 (64%) 31/50 (62%)	32/50 (64%)		14/50 (28%) 15/50 (30%)	12/50 (24%) 18/50 (36%)	20/50 (40%)
Overall Incidence	Total	168/250 (67.2%)	Mean 67.2%	SD 6.42%	Total	79/250 (31.6%)	Mean 31.6%	SD 6.39%
Liver: Hepatocholangiocarcin								
		1/50 (2%) 0/50 (0%)	1/50 (2%) 3/50 (6%)	0/50 (0%)		1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	5/250 (2%)	Mean 2%	SD 2.45%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
*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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
*Liver: Mast Cell 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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
[*] Lung: Alveolar/Bronchiolar Ac	lenoma							
		10/50 (20%) 6/50 (12%)	5/50 (10%) 11/50 (22%)	5/50 (10%)		1/50 (2%) 4/50 (8%)	3/50 (6%) 5/50 (10%)	1/50 (2%)
Overall Incidence	Total	37/250 (14.8%)	Mean 14.8%	SD 5.76%	Total	14/250 (5.6%)	Mean 5.6%	SD 3.58%

*: 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: Alveolar/Bronchiolar Ca	ircinoma							
		4/50 (8%) 10/50 (20%)	5/50 (10%) 6/50 (12%)	8/50 (16%)		2/50 (4%) 5/50 (10%)	3/50 (6%) 0/50 (0%)	4/50 (8%)
Overall Incidence	Total	33/250 (13.2%)	Mean 13.2%	SD 4.82%	Total	14/250 (5.6%)	Mean 5.6%	SD 3.85%
*Lung:		veolar/Bronchiolar Adenc						
		13/50 (26%) 14/50 (28%)	9/50 (18%) 17/50 (34%)	13/50 (26%)		3/50 (6%) 9/50 (18%)	6/50 (12%) 5/50 (10%)	4/50 (8%)
Overall Incidence	Total	66/250 (26.4%)	Mean 26.4%	SD 5.73%	Total	27/250 (10.8%)	Mean 10.8%	SD 4.6%
*Lung: Hemangiosarcoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/30 (078)		0/50 (0%)	0/50 (0%)	0/30 (078)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (0%)	Mean 0%	SD 0%
'Lung: Mast Cell 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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Lymph Node: Hemangiosarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		1/50 (2%) 1/50 (2%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	2/250 (0.8%)	Mean 0.8%	SD 1.1%

*: 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	
#Lymph Node: Mast Cell 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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Lymph Node, Mandibular: Mast Cell 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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Lymph Node, Mandibular: Mast Cell Tumor 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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Lymph Node, Mesenteric: Hemangioma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
#Lymph Node, Mesenteric: Hemangiosarcoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (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	
#Lymph Node, Mesenteric: Mast Cell 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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Lymph Node, Mesenteric: Mast Cell Tumor 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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (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%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
#Mammary Gland: Carcinoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)		1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	2/50 (4%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	3/250 (1.2%)	Mean 1.2%	SD 1.79%
#Mammary Gland: Carcinoma or Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)		1/50 (2%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	2/50 (4%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	4/250 (1.6%)	Mean 1.6%	SD 1.67%

*: 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:								
Fibroma, Fibroadenoma	or Adenoma							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
Mammary Gland: Fibroma, Fibroadenoma,	, Carcinoma, or	Adenoma						
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	1/50 (2%)	2/50 (4%)
		0/50 (0%)	1/50 (2%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	4/250 (1.6%)	Mean 1.6%	SD 1.67%
#Mesentery: Hemangioma								
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (0%)	Mean 0%	SD 0%
#Mesentery: Hemangiosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
#Mesentery: Lipoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%

*: 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: 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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/248 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
*Nose: Carcinoma								
		0/50 (0%) 0/49 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/248 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Nose: Polyp								
		0/50 (0%) 0/49 (0%)	1/49 (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	1/248 (0.4%)	Mean 0.41%	SD 0.91%	Total	0/250 (0%)	Mean 0%	SD 0%
#Oral Cavity (Oral Mucos Papilloma Squamous c	sa, Tongue, Phar	ynx, Tooth, Gingiva):						
· · · · · · · · · · · · · · · · · · ·		0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (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	
Oral Cavity (Oral Mucosa, T Squamous Cell Carcinoma		ynx, Tooth, Gingiva):						
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
*Oral Cavity (Oral Mucosa, 1 Squamous Cell Carcinoma	ongue, Phar	• • • • •						
		0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (0%)	Mean 0%	SD 0%
≉Oral Mucosa: Squamous Cell Carcinoma	1							
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Ovary: Cystadenocarcinoma								
						0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence					Total	0/249 (0%)	Mean 0%	SD 0%
Ovary: Cystadenoma								
						1/50 (2%) 1/50 (2%)	0/49 (0%) 2/50 (4%)	2/50 (4%)
Overall Incidence					Total	6/249 (2.41%)	Mean 2.4%	SD 1.67%

*: Denominator is number of animals with tissues examined microscopically

ersion: Dec2020 ontract/Lab: All Laboratories pecies: MICE train: B6C3F1/N ength of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR	Tumor Incidence for Selected Control Animal Groups Report Date: 12/18/202 Route: INHALATION						
	Male		Female					
Dvary: Granulosa Cell Tumor Benign								
Granulosa Cell Fullior Belligh		0/50 (0%) 1/50 (2%)	0/49 (0%) 0/50 (0%)	1/50 (2%)				
verall Incidence	Total	2/249 (0.8%)	Mean 0.8%	SD 1.1%				
vary:								
Granulosa Cell Tumor Malignant		1/50 (2%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%)				
verall Incidence	Total	1/249 (0.4%)	Mean 0.4%	SD 0.89%				
vary: Granulosa Cell Tumor: Benign, Malignant, NOS		1/50 (2%)	0/49 (0%)	1/50 (2%)				
		1/50 (2%)	0/50 (0%)					
verall Incidence	Total	3/249 (1.2%)	Mean 1.2%	SD 1.1%				
vary:								
Granulosa-Theca Tumor Malignant		0/50 (0%) 0/50 (0%)	1/49 (2%) 1/50 (2%)	0/50 (0%)				
verall Incidence	Total	2/249 (0.8%)	Mean 0.81%	SD 1.11%				
vary: Hemangioma								
		0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%)				
verall Incidence	Total	0/249 (0%)	Mean 0%	SD 0%				

/ersion: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management SystemPage: 138Tumor Incidence for Selected Control Animal GroupsReport Date: 12/18/2020Route: INHALATIONVehicle: AIR						
	Male		Female				
Ovary:							
Hemangiosarcoma		()	0/49 (0%) 0/50 (0%)	0/50 (0%)			
overall Incidence	Total	1/249 (0.4%)	Mean 0.4%	SD 0.89%			
Ovary:							
Luteoma		()	0/49 (0%) 2/50 (4%)	1/50 (2%)			
verall Incidence	Total	3/249 (1.2%)	Mean 1.2%	SD 1.79%			
Ovary:							
Sarcoma		· · · · ·	0/49 (0%) 0/50 (0%)	0/50 (0%)			
verall Incidence	Total	0/249 (0%)	Mean 0%	SD 0%			
Ovary:							
Thecoma Malignant		()	0/49 (0%) 0/50 (0%)	0/50 (0%)			
overall Incidence	Total	0/249 (0%)	Mean 0%	SD 0%			
Ovary: Tubulostromal Adenoma							
		()	0/49 (0%) 0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/249 (0%)	Mean 0%	SD 0%			

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

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			Male					Female	
*Pancreas: Mast Cell Tumor					·				
		0/49 (0%) 0/50 (0%)	0/48 (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	0/247 (0%)	Mean 0%	SD 0%		Total	0/250 (0%)	Mean 0%	SD 0%
Parathyroid Gland: Adenoma									
		0/27 (0%)	0/40 (0%)	0/34	(0%)		0/27 (0%)	0/38 (0%)	0/26 (0%)
Overall Incidence	Total	0/28 (0%) 0/165 (0%)	0/36 (0%) Mean 0%	SD 0%		Total	1/35 (3%) 1/162 (0.62%)	0/36 (0%) Mean 0.57%	SD 1.28%
		(<i>)</i>					· · · · ·		
*Parathyroid Gland: Carcinoma									
		0/27 (0%) 0/28 (0%)	0/40 (0%) 0/36 (0%)	0/34	(0%)		0/27 (0%) 0/35 (0%)	0/38 (0%) 0/36 (0%)	0/26 (0%)
Overall Incidence	Total	0/165 (0%)	Mean 0%	SD 0%		Total	0/162 (0%)	Mean 0%	SD 0%
Pituitary Gland: Pars Dis Adenoma									
		0/49 (0%)	0/50 (0%)	0/50	(0%)		9/49 (18%)	2/49 (4%)	5/50 (10%)
Overall Incidence	Total	1/50 (2%) 1/249 (0.4%)	0/50 (0%) Mean 0.4%	SD 0.89%		Total	8/48 (17%) 28/246 (11.38%)	4/50 (8%) Mean 11.42%	SD 5.99%
*Pituitary Gland: Pars Dis Carcinoma		ified Site: 0/49 (0%)	0/50 (0%)		(0%)		0/49 (0%) 3/48 (6%)	0/49 (0%)	0/50 (0%)
Overall Incidence	Total	0/50 (0%) 0/249 (0%)	0/50 (0%) Mean 0%	SD 0%		Total	3/246 (1.22%)	0/50 (0%) Mean 1.25%	SD 2.8%

*: 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 Distal Carcinoma or Adenoma	is or Unspec	ified Site:						
		0/49 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		9/49 (18%) 11/48 (23%)	2/49 (4%) 4/50 (8%)	5/50 (10%)
Overall Incidence	Total	1/249 (0.4%)	Mean 0.4%	SD 0.89%	Total	31/246 (12.6%)	Mean 12.67%	SD 7.75%
*Pituitary Gland: Pars Intern Adenoma	nedia:							
		0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/49 (0%) 0/48 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/249 (0%)	Mean 0%	SD 0%	Total	0/246 (0%)	Mean 0%	SD 0%
*Pituitary Gland: Pars Intern Carcinoma								
		0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/49 (0%) 0/48 (0%)	1/49 (2%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/249 (0%)	Mean 0%	SD 0%	Total	1/246 (0.41%)	Mean 0.41%	SD 0.91%
*Pituitary Gland: Pars Intern Carcinoma or Adenoma	nedia:							
		0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/49 (0%) 0/48 (0%)	1/49 (2%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/249 (0%)	Mean 0%	SD 0%	Total	1/246 (0.41%)	Mean 0.41%	SD 0.91%
*Pituitary Gland: Pars Intern Schwannoma Malignant								
		0/49 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)		0/49 (0%) 0/48 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/249 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/246 (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	
*Prostate: Hemangiosarcoma								
		0/49 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/248 (0%)	Mean 0%	SD 0%				
Prostate: Mast Cell Tumor								
		0/49 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/248 (0%)	Mean 0%	SD 0%				
*Salivary Glands: Adenoma								
		0/50 (0%) 0/50 (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%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/249 (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%)	0/49 (0%) 1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	1/249 (0.4%)	Mean 0.4%	SD 0.89%
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%)	0/49 (0%) 1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	1/249 (0.4%)	Mean 0.4%	SD 0.89%

*: 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: Hemangiosarcoma									
		0/50 (0%) 0/50 (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%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	0/249 (0%)	Mean 0%	SD 0%
Salivary Glands: Mast Cell Tumor									
		0/50 (0%) 0/50 (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%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	0/249 (0%)	Mean 0%	SD 0%
Salivary Glands: Myxosarcoma									
-		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50	(0%)		1/50 (2%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	1/249 (0.4%)	Mean 0.4%	SD 0.89%
/Seminal Vesicle: Adenoma									
		1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50	(0%)				
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	6				
/Seminal Vesicle: Fibroma									
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50	(0%)				
Overall Incidence	Total	0/250 (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						F	emale		
#Skeletal Muscle: Hemangiosarcoma													
		(%) 0/50 %) 0/50	· · ·	0/50	(0%)		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50	(0%)
Overall Incidence	Total	0/250 (0%)		n 0%	SD 0%		Total	0/250 (0		Mear	า 0%	SD	0%
#Skeletal Muscle: Osteosarcoma													
		(%) 0/50 %) 0/50	· · ·	0/50	(0%)		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50	(0%)
Overall Incidence	Total	0/250 (0%)	Mea	n 0%	SD 0%		Total	0/250 (0	9%)	Mear	n 0%	SD	• • •
#Skeletal Muscle: Rhabdomyosarcoma													
		(%) 0/50	· · ·	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/50 (0 1/250 (0.4%)	%) 1/50 Mear	(2%) 0.4%	SD 0.89%	D	Total	0/50 2/250 (0.8	(0%) 8%)	2/50 Mean	(4%) 0.8%	SD 1.	.79%
#Skeletal Muscle: Rhabdomyosarcoma or R													
		0/50 (0 0/50 (0	%) 0/50 %) 1/50	```	0/50	(0%)		0/50 0/50	(0%) (0%)	0/50 2/50	(0%) (4%)	0/50	(0%)
Overall Incidence	Total	1/250 (0.4%)	,	0.4%	SD 0.89%	, D	Total	2/250 (0.3	()	Mean	()	SD 1.	.79%
#Skeletal Muscle: Sarcoma													
		```	%) 0/50	· · ·	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/50 (0 0/250 (0%)	,	(0%) n 0%	SD 0%		Total	0/50 1/250 (0.4	(0%) 4%)	0/50 Mean	(0%) 0.4%	SD 0.	89%

*: 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 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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	0/250 (0%)	Mean 0%	SD 0%
≭Skin: Basal Cell Adenoma or B	asosquamous	s Tumor Benian							
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50	(0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	0/250 (0%)	Mean 0%	SD 0%
#Skin: Basal Cell Adenoma, Bas Overall Incidence	sosquamous T Total	Tumor Benign, or Trichoe 0/50 (0%) 0/50 (0%) 0/250 (0%)	<b>bithelioma</b> 0/50 (0%) 0/50 (0%) Mean 0%	0/50 SD 0%	(0%)	Total	0/50 (0%) 0/50 (0%) 0/250 (0%)	0/50 (0%) 0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Skin: Basal Cell Carcinoma		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/50 (0%) 0/250 (0%)	0/50 (0%) Mean 0%	SD 0%	. ,	Total	0/50 (0%) 1/250 (0.4%)	0/50 (0%) Mean 0.4%	SD 0.89%
#Skin: Basal Cell Carcinoma or	Basosquamou	ıs Tumor (malignant or N	OS)						
	•	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50	(0%)		0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%

*: Denominator is number of animals with tissues examined microscopically

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	S		Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR									Page: 145 Report Da	t <b>e:</b> 12/18/20	020
					Male						F	emale		
#Skin: Basal Cell Carcinoma, Bas NOS), or Trichoepitheliom		oma, Basosqua	mous Tun	nor (benign	, malignar	nt or								
		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50	(0%)		0/50 0/50	(0%) (0%)	1/50 0/50	(2%) (0%)	0/50	(0%)
Overall Incidence	Total	0/250 (0%		Mean		SD 0%		Total	1/250 (0	.4%)	Mean	0.4%	SD 0.	89%
#Skin: Basal or Sq. Cell Carcinon Adenoma, Papilloma, Sq F	na, Carcinoma Papilloma, Ker	a, Basosq. Tum ratoacanthoma 0/50 0/50	or (M or E , Trichoep (0%) (0%)	<b>3), Basal Ce</b> ithelioma 0/50 0/50	ell Adenom (0%) (0%)	na, 0/50	(0%)		0/50 0/50	(0%) (0%)	1/50 0/50	(2%) (0%)	1/50	(2%)
Overall Incidence	Total	0/250 (0%	,	Mean	0%	SD 0%		Total	2/250 (0	,	Mean	0.8%	SD 1	
≇Skin: Fibroma		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50	(0%)		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50	(0%)
Overall Incidence	Total	0/250 (0%	. ,	Mean	. ,	SD 0%		Total	0/250 (	. ,		1 0%	SD	0%
#Skin: Fibroma, Fibrosarcoma, S Hemangiopericytoma														
		0/50 1/50	(0%) (2%)	0/50 1/50	(0%) (2%)	0/50	(0%)		2/50 0/50	(4%) (0%)	0/50 1/50	(0%) (2%)	0/50	(0%)
Overall Incidence	Total	2/250 (0.8%	%)	Mean (		SD 1.1%		Total	3/250 (1	.2%)	Mean	1.2%	SD 1.	79%
#Skin: Fibroma, Fibrosarcoma, S	arcoma, Myxc	•	•	alignant Fil	brous Hist	iocytoma				(40/)	0/50	(00()	0/50	(00())
		0/50	(0%)	0/50	(0%)	0/50	(0%)		2/50 0/50	(4%) (0%)	0/50 1/50	(0%) (2%)	0/50	(0%)
		1/50	(2%)	1/50	(2%)				0/50	(070)	1/00	(2/0)		

## 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%) 1/50 (2%)	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	1/250 (0.4%)	Mean 0.4%	SD 0.89%		Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
#Skin: Fibrosarcoma, Sarcoma		a, or Malignant Fibrous H							
		0/50 (0%) 1/50 (2%)	0/50 (0%) 1/50 (2%)	0/50	(0%)		2/50 (4%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)
Overall Incidence	Total	2/250 (0.8%)	Mean 0.8%	SD 1.1%		Total	3/250 (1.2%)	Mean 1.2%	SD 1.79%
#Skin: Fibrous Histiocytoma N	lalignant	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50	(0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	0/250 (0%)	Mean 0%	SD 0%
¢Skin: Hemangioma									
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50	(0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	0/250 (0%)	Mean 0%	SD 0%
#Skin: Hemangiosarcoma									
		0/50 (0%) 0/50 (0%)	0/50 (0%) 2/50 (4%)	0/50	(0%)		1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	2/50 (4%)
Overall Incidence	Total	2/250 (0.8%)	Mean 0.8%	SD 1.79%	, D	Total	3/250 (1.2%)	Mean 1.2%	SD 1.79%

*: 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: Keratoacanthoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
∕Skin: Lipoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Skin: Malignant Fibrous Histi								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)		1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
#Skin: Melanoma Benign								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (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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				I	Male						F	emale		
#Skin:							· · · · ·							
Neurofibrosarcoma or	Schwannoma (m	alignant or NOS)												
		(	0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/50 ( 0/250 (0%)	0%)	0/50 Mean (	(0%) )%	SD 0%		Total	0/50 0/250 (	(0%) 0%)	0/50 Meai	(0%) n 0%	SD	0%
		·····							·····`	···· ´····				
Skin:	ourofibromo or C	ahwannama (han	ion molio	nont or N	06)									
Neurofibrosarcoma, Ne	euronbronna, or a		ligh, maiigi 0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		```	0%)	0/50	(0%)	0,00	(370)		0/50	(0%)	0/50	(0%)	0,00	(0,0)
Overall Incidence	Total	0/250 (0%)	,	Mean (SD 0%		Total	0/250 (,		n 0%	SD	
#Skin:														
Osteosarcoma														
		(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250 (0%)		Mean (SD 0%		Total	0/250 (,		n 0%	SD	- / -
#Skin:														
Pilomatrixoma														
		,	0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		```	0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/250 (0%)		Mean (	)% 	SD 0%		Total	0/250 (	0%)	Mea	n 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%)		. ,		0/50	(0%)	1/50	(2%)		. ,
Overall Incidence	Total	0/250 (0%)		Mean (	)%	SD 0%		Total	1/250 (0	.4%)	Mean	0.4%	SD 0.	89%

*: 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: 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%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	0/250 (0%)	Mean 0%	SD 0%
#Skin: Squamous Cell Carcinor or Carcinoma									
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50	(0%)		0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
#Skin: Squamous Cell Papillom	a	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50	(0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
#Skin: Squamous Cell Papillom			0/50 (0%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	0,00	(070)		0/50 (0%)	0/50 (0%)	1/00 (2/0)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
#Skin: Squamous Cell Papillom	na, Papilloma, S	quamous Cell Carcinom	a or Keratoacanthoma						
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50	(0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%		Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%

*: Denominator is number of animals with tissues examined microscopically

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

#### Page: 150 Report Date: 12/18/2020

			Male				Female	
#Skin:				· · · · · · · · · · · · · · · · · · ·				
Squamous Cell Papilloma, F	Papilloma,	or Keratoacanthoma						
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%
#Spinal Cord: Astrocytoma 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%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Spinal Cord: 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%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
*Spleen: Hemangiosarcoma								
-		2/49 (4%)	0/48 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/49 (0%)	1/50 (2%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	3/246 (1.22%)	Mean 1.22%	SD 1.82%	Total	2/250 (0.8%)	Mean 0.8%	SD 1.1%
#Stomach, Forestomach: Mast Cell Tumor 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%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (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

#### Page: 151 Report Date: 12/18/2020

			Male				Female	
#Stomach, Forestomach: Squamous Cell Carcinoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (09	%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Stomach, Forestomach: Squamous Cell Carcinoma								
	-	1/50 (2%) 1/50 (2%)	0/50 (0%) 1/50 (2%)	0/50 (09	%)	1/50 (2%) 1/50 (2%)	0/50 (0%) 1/50 (2%)	0/50 (0%)
Overall Incidence	Total	3/250 (1.2%)	Mean 1.2%	SD 1.1%	Total	3/250 (1.2%)	Mean 1.2%	SD 1.1%
#Stomach, Forestomach: Squamous Cell Papilloma								
		1/50 (2%) 1/50 (2%)	0/50 (0%) 1/50 (2%)	0/50 (09	%)	1/50 (2%) 1/50 (2%)	0/50 (0%) 1/50 (2%)	0/50 (0%)
Overall Incidence	Total	3/250 (1.2%)	Mean 1.2%	SD 1.1%	Total	3/250 (1.2%)	Mean 1.2%	SD 1.1%
#Stomach, Glandular: Adenoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (09	%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Stomach, Glandular: Carcinoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (29	%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (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

#### Page: 152 Report Date: 12/18/2020

			Male					Female	
#Stomach, Glandular: Carcinoma or Adenoma									
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50	(2%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%		Total	0/250 (0%)	Mean 0%	SD 0%
Testis: Adenoma									
		0/49 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50	(0%)				
Overall Incidence	Total	0/248 (0%)	Mean 0%	SD 0%					
Testis: Hemangioma									
		0/49 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50	(0%)				
Overall Incidence	Total	0/248 (0%)	Mean 0%	SD 0%					
Thymus: Thymoma Benign									
		0/41 (0%) 0/44 (0%)	0/43 (0%) 0/48 (0%)	0/41	(0%)		0/47 (0%) 0/48 (0%)	0/47 (0%) 0/50 (0%)	0/44 (0%)
Overall Incidence	Total	0/217 (0%)	Mean 0%	SD 0%		Total	0/236 (0%)	Mean 0%	SD 0%
Thymus: Thymoma NOS									
		0/41 (0%) 0/44 (0%)	0/43 (0%) 0/48 (0%)	0/41	(0%)		1/47 (2%) 0/48 (0%)	0/47 (0%) 0/50 (0%)	0/44 (0%)
Overall Incidence	Total	0/217 (0%)	Mean 0%	SD 0%		Total	1/236 (0.42%)	Mean 0.43%	SD 0.95%

*: Denominator is number of animals with tissues examined microscopically

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

#### Page: 153 Report Date: 12/18/2020

				Male						F	emale		
*Thymus: Thymoma: Benign, Maligna	ant, NOS											- /	
		0/41 (0%) 0/44 (0%)		(0%) (0%)	0/41	(0%)		1/47 0/48	(2%) (0%)	0/47 0/50	(0%) (0%)	0/44	(0%)
Overall Incidence	Total	0/217 (0%)	Mean	0%	SD 0%		Total	1/236 (0.4	42%)	Mean	0.43%	SD 0.	
*Thyroid Gland: C-Cell: Adenoma													
		0/49 (0%) 0/50 (0%)		(0%) (0%)	0/50	(0%)		0/48 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50	(0%)
Overall Incidence	Total	0/249 (0%)	Mean	0%	SD 0%		Total	0/248 (0	)%)	Mear	n 0%	SD	
*Thyroid Gland: C-Cell: Carcinoma													
		0/49 (0%) 0/50 (0%)		(0%) (0%)	0/50	(0%)		0/48 1/50	(0%) (2%)	0/50 0/50	(0%) (0%)	0/50	(0%)
Overall Incidence	Total	0/249 (0%)	Mean	0%	SD 0%		Total	1/248 (0.	4%)	Mean	0.4%	SD 0.	
*Thyroid Gland: C-Cell: Carcinoma or Adenoma													
		0/49 (0%) 0/50 (0%)		(0%) (0%)	0/50	(0%)		0/48 1/50	(0%) (2%)	0/50 0/50	(0%) (0%)	0/50	(0%)
Overall Incidence	Total	0/249 (0%)	Mean	0%	SD 0%		Total	1/248 (0.	4%)	Mean	0.4%	SD 0.	.89%
*Thyroid Gland: Follicular Ce Adenoma	: :												
		0/49 (0%) 0/50 (0%)		(0%) (0%)	0/50	(0%)		0/48 0/50	(0%) (0%)	1/50 0/50	(2%) (0%)	0/50	(0%)
Overall Incidence	Total	0/249 (0%)	Mean	· · ·	SD 0%		Total	1/248 (0.	( )		0.4%	SD 0.	.89%

*: Denominator is number of animals with tissues examined microscopically

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

#### Page: 154 Report Date: 12/18/2020

			Male				Female	
Thyroid Gland: Follicular Cell Carcinoma	l:							
		0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/48 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/249 (0%)	Mean 0%	SD 0%	Total	0/248 (0%)	Mean 0%	SD 0%
Thyroid Gland: Follicular Cell Carcinoma or Adenoma								
		0/49 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/48 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/249 (0%)	Mean 0%	SD 0%	Total	1/248 (0.4%)	Mean 0.4%	SD 0.89%
#Tongue: Squamous Cell Carcinoma o	or Papillom	a Squamous 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/50 (0%)	1/50 (2%)		Total	0/50 (0%)	0/50 (0%)	SD 0%
	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (0%)	Mean 0%	SD 0%
≭Tongue: Squamous Cell Papilloma		- ( )	- / / /			_ / / /		
		0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/250 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (0%)	Mean 0%	SD 0%
≇Tooth: Odontoma								
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (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

#### Page: 155 Report Date: 12/18/2020

			Male				Female	
^t Urinary Bladder: Hemangiosarcoma								
		0/50 (0%) 0/50 (0%)	0/49 (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	1/249 (0.4%)	Mean 0.4%	SD 0.89%	Total	0/250 (0%)	Mean 0%	SD 0%
*Urinary Bladder: Mast Cell Tumor								
		0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/249 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
Overall Incidence					Total	0/50 (0%) 0/50 (0%) 0/250 (0%)	0/50 (0%) 0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Uterus: Adenoma								
						0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence					Total	0/250 (0%)	Mean 0%	SD 0%
#Uterus:	oma, Sq Cell Ca	arcinoma, or Sq Cell Papil	loma					
Adenoma, Adenocarcint		-				0/50 (0%)	0/50 (0%)	0/50 (0%)
Adenoma, Adenocarem						0/50 (0%)	0/50 (0%)	

*: Denominator is number of animals with tissues examined microscopically

/ersion: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Group Route: INHALATION Vehicle: AIR	s	Page: 156 Report Da	<b>te:</b> 12/18/2020
	Male		Female	
#Uterus: Fibroma				
FIDIOIIIa			/50 (0%) /50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%
Uterus: Granular Cell Tumor Benign				
·			/50 (0%) /50 (0%)	0/50 (0%)
Overall Incidence	Total	( )	Mean 0.4%	SD 0.89%
Uterus: Hemangioma				
			/50 (0%) /50 (0%)	0/50 (0%)
verall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%
Uterus: Hemangiosarcoma				
Tiemangiosarcoma			/50 (0%) /50 (2%)	1/50 (2%)
verall Incidence	Total	4/250 (1.6%)	Mean 1.6%	SD 0.89%
Uterus: Leiomyoma				
			/50 (0%) /50 (0%)	1/50 (2%)
Overall Incidence	Total		Mean 0.4%	SD 0.89%
Denominator is number of animals with tissues examined micro	oscopically			

/ersion: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: INHALATION Vehicle: AIR		Page: 157 Report Da	<b>te:</b> 12/18/2020
	Male		Female	
EUterus:				
Polyp Stromal		4/50 (8%) 1/50 (2%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
verall Incidence	Total	5/250 (2%)	Mean 2%	SD 3.46%
Uterus:				
Sarcoma		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%
Uterus:				
Sarcoma Stromal		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%
Uterus:				
Sarcoma Stromal or Polyp Stromal		4/50 (8%) 1/50 (2%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
verall Incidence	Total	5/250 (2%)	Mean 2%	SD 3.46%
Vagina: Hemangioma				
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%

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

#### Page: 158 Report Date: 12/18/2020

			Male				Female	
#Zymbal's 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%) 0/50 (0%)	0/50 (0%)
	<b>-</b>	()	( )	00.004	<b>-</b>	()	( )	<b>OD</b> 00/
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (0%)	Mean 0%	SD 0%
#Zymbal's 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%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/250 (0%)	Mean 0%	SD 0%	Total	0/250 (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: ORAL Vehicle: FEED

				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 Columbus Laboratory	051098702	08/17/10	730	50(1)	44(722)	48.9	Dibutyl Phthalate
Battelle Columbus Laboratory	051026002	07/16/10	727	49(1)	34(691)	47.6	2-Hydroxy-4-methoxybenzophenone
Battelle Columbus Laboratory	052071204	10/25/11	731	50(1)	39(701)	50.0	Tris(Chloropropyl)phosphate
					Female		
Battelle Columbus Laboratory	051098702	08/16/10	729	50(4)	42(713)	51.5	Dibutyl Phthalate
Battelle Columbus Laboratory	051026002	07/15/10	726	50(4)	42(716)	54.7	2-Hydroxy-4-methoxybenzophenone
Battelle Columbus Laboratory	052071204	10/24/11	729	50(4)	46(726)	51.9	Tris(Chloropropyl)phosphate

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicol Tumor Incider	i	Page: 160 Report Date: 12/18/2020			
			Male				Female	
#All Organs: Benign Tumors		26/50 (52%)	28/49 (57%)	25/50 (50%)		13/50 (26%)	17/50 (34%)	21/50 (42%)
Overall Incidence	Total	79/149 (53.02%)	Mean 53.05%	SD 3.68%	Total	51/150 (34%)	Mean 34%	SD 8%
#All Organs: Malignant Tumors		19/50 (38%)	19/49 (39%)	20/50 (40%)		19/50 (38%)	11/50 (22%)	12/50 (24%)
Overall Incidence	Total	58/149 (38.93%)	Mean 38.93%	SD 1.01%	Total	42/150 (28%)	Mean 28%	SD 8.72%
#All Organs: Malignant and Benign Tumc Overall Incidence		33/50 (66%) 104/149 (69.8%)	37/49 (76%) Mean 69.84%	34/50 (68%) SD 5.01%	Total	28/50 (56%) 80/150 (53.33%)	25/50 (50%) Mean 53.33%	27/50 (54%) SD 3.06%
#All Organs: Hemangioma		0/50 (0%)	1/49 (2%)	1/50 (2%)		1/50 (2%)	2/50 (4%)	0/50 (0%)
Overall Incidence	Total	2/149 (1.34%)	Mean 1.35%	SD 1.17%	Total	3/150 (2%)	Mean 2%	SD 2%
#All Organs: Hemangiosarcoma		3/50 (6%)	1/49 (2%)	2/50 (4%)		3/50 (6%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	6/149 (4.03%)	Mean 4.01%	SD 1.98%	Total	4/150 (2.67%)	Mean 2.67%	SD 3.06%
#All Organs: Hemangiosarcoma or Hema		3/50 (6%)	2/49 (4%)	3/50 (6%)		4/50 (8%)	2/50 (4%)	1/50 (2%)
Overall Incidence	Total	8/149 (5.37%)	Mean 5.36%	SD 1.11%	Total	7/150 (4.67%)	Mean 4.67%	SD 3.06%

Version: Dec2020
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1/N
Length of Study: CHRONIC

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

# Page: 161 Report Date: 12/18/2020

			Male		Female					
#All Organs: Histiocytic Sarcoma										
		2/50 (4%)	0/49 (0%)	0/50 (0%)		1/50 (2%)	1/50 (2%)	0/50 (0%)		
Overall Incidence	Total	2/149 (1.34%)	Mean 1.33%	SD 2.31%	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%		
All Organs: Leukemia: Lymphocytic, Mo	onocytic, N	Iononuclear, or Undifferer	ntiated							
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%		
Overall Incidence	Total	4/50 (8%) 12/149 (8.05%)	3/49 (6%) Mean 8.04%	5/50 (10%) SD 1.94%	Total	11/50 (22%) 24/150 (16%)	5/50 (10%) Mean 16%	8/50 (16%) SD 6%		
¢All Organs:										
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
All Organs: Malignant Schwannoma	Total	······	0/49 (0%) Mean 0%		Total	·····				
#All Organs:		0/50 (0%) 0/149 (0%)	Mean 0%	0/50 (0%) SD 0%		0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%		
#All Organs: Malignant Schwannoma Dverall Incidence #All Organs: Osteosarcoma	Total	0/50 (0%) 0/149 (0%) 0/50 (0%)	Mean 0%	0/50 (0%) SD 0% 0/50 (0%)	Total	0/50 (0%) 0/150 (0%) 0/50 (0%)	0/50 (0%) Mean 0% 0/50 (0%)	0/50 (0%) SD 0% 1/50 (2%)		
All Organs: Malignant Schwannoma Overall Incidence All Organs: Osteosarcoma		0/50 (0%) 0/149 (0%)	Mean 0%	0/50 (0%) SD 0%		0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%		
#All Organs: Malignant Schwannoma Overall Incidence #All Organs: Osteosarcoma Overall Incidence	Total	0/50 (0%) 0/149 (0%) 0/50 (0%) 0/149 (0%)	Mean 0% 0/49 (0%) Mean 0%	0/50 (0%) SD 0% 0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%) 0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0% 0/50 (0%) Mean 0.67%	0/50 (0%) SD 0% 1/50 (2%) SD 1.15%		
#All Organs: Malignant Schwannoma Dverall Incidence #All Organs: Osteosarcoma Dverall Incidence #All Organs:	Total	0/50 (0%) 0/149 (0%) 0/50 (0%)	Mean 0%	0/50 (0%) SD 0% 0/50 (0%)	Total	0/50 (0%) 0/150 (0%) 0/50 (0%)	0/50 (0%) Mean 0% 0/50 (0%)	0/50 (0%) SD 0% 1/50 (2%)		

*: Denominator is number of animals with tissues examined microscopically

							<b>Report Date:</b> 12/18/2020			
contract/Lab: All Laboratories	•		Report Date: 12/18/2020							
pecies: MICE strain: B6C3F1/N										
ength of Study: CHRONIC										
			Male				Female			
Adrenal Cortex: Adenoma		- / /								
Overall Incidence	Total	0/50 (0%) 2/148 (1.35%)	1/48 (2%) Mean 1.36%	1/50 (2%) SD 1.18%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%		
Adrenal Medulla: Pheochromocytoma Benig										
Overall Incidence	Total	0/50 (0%) 1/148 (0.68%)	1/48 (2%) Mean 0.69%	0/50 (0%) SD 1.2%	Total	0/49 (0%) 1/149 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%		
*Adrenal Medulla: Pheochromocytoma Maligi										
		0/50 (0%)	0/48 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/148 (0%)	Mean 0%	SD 0%	Total	0/149 (0%)	Mean 0%	SD 0%		
Adrenal Medulla: Pheochromocytoma: Benig		c, Malignant, NOS								
	<b>-</b>	0/50 (0%)	1/48 (2%)	0/50 (0%)	<b>T</b> ( )	0/49 (0%)	0/50 (0%)	1/50 (2%)		
Overall Incidence	Total	1/148 (0.68%)	Mean 0.69%	SD 1.2%	Total	1/149 (0.67%)	Mean 0.67%	SD 1.15%		
fBlood Vessel: Hemangioma										
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%		
#Blood Vessel: Hemangiosarcoma										
<b>.</b>		0/50 (0%)	0/49 (0%)	0/50 (0%)	-	0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%		

**Toxicology Data Management System** 

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*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Dec2020

Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Report Da	<b>te:</b> 12/18/2020				
			Male		Female			
'Bone Marrow: Hemangiosarcoma		0/50 (0%)	0/47 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
Overall Incidence	Total	0/147 (0%)	Mean 0%	SD 0%	Total	0/149 (0%)	Mean 0%	SD 0%
Bone Marrow: Mast Cell Tumor Malignant								
Overall Incidence	Total	0/50 (0%) 1/147 (0.68%)	1/47 (2%) Mean 0.71%	0/50 (0%) SD 1.23%	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%
Bone Marrow: Sarcoma		0/50 (0%)	0/47 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
Overall Incidence	Total	0/147 (0%)	Mean 0%	SD 0%	Total	0/149 (0%)	Mean 0%	SD 0%
Bone: Fibroma		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
Bone: Hemangioma		2/52 (021)	o/40 (007)	0/50 (00/)			0/50 (00/)	0/50 (00/)
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Bone: Hemangiosarcoma		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%

**Toxicology Data Management System** 

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*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Dec2020

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicolo Tumor Incideno	Page: 164 Report Date: 12/18/2020				
			Male				Female	
#Bone: Osteosarcoma		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
#Bone: Osteosarcoma or Osteoma		0/50 (00/)		0/70 (00/)			0/50 (00/.)	(00)
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%
#Bone: Sarcoma Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
*Brain: Meningioma Malignant Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
*Brain: Meningioma: Benign, Malig		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
*Clitoral/Preputial Gland: Mast Cell Tumor		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicol Tumor Inciden		Page: 165 Report Date: 12/18/2020			
			Male				Female	
#Coagulating Gland: Granular Cell Tumor		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Coagulating Gland: Sarcoma		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
*Epididymis: Mast Cell Tumor Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%				
		0/149 (0%)		30 0%				
#Harderian Gland: Adenoma		3/50 (6%)	6/49 (12%)	0/50 (0%)		3/50 (6%)	1/50 (2%)	4/50 (8%)
Overall Incidence	Total	9/149 (6.04%)	Mean 6.08%	SD 6.12%	Total	8/150 (5.33%)	Mean 5.33%	SD 3.06%
#Harderian Gland: Carcinoma						0/50 (00%)	4/50 (00/)	0/50 (404)
Overall Incidence	Total	1/50 (2%) 4/149 (2.68%)	1/49 (2%) Mean 2.68%	2/50 (4%) SD 1.14%	Total	0/50 (0%) 3/150 (2%)	1/50 (2%) Mean 2%	2/50 (4%) SD 2%
#Harderian Gland: Carcinoma or Adenoma		4/50 (8%)	7/49 (14%)	2/50 (4%)		3/50 (6%)	2/50 (4%)	6/50 (12%)
Overall Incidence	Total	4/50 (8%) 13/149 (8.72%)	Mean 8.76%	2/50 (4%) SD 5.19%	Total	3/50 (6%) 11/150 (7.33%)	2/50 (4%) Mean 7.33%	SD 4.16%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC		Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ORAL Vehicle: FEED						Page: 166 Report Date: 12/18/2020		
			Male				Female			
#Harderian Gland: Mast Cell Tumor		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%		
*Heart: Hemangiosarcoma										
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%		
#Intestine Large: Cecum: Leiomyosarcoma										
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%		
#Intestine Small: Duodenum: Adenoma										
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%		
#Intestine Small: Duodenum: Carcinoma					, oral					

Carcinoma Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Intestine Small: Duodenum: Polyp Adenomatous								
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%

			gy Data management			- J	
5		Report Date: 12/18/2020					
		•					
		Male		Female			
	0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
				•••••			
	0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Total	( )	( )	( )	Total	( )	( )	SD 0%
	1/50 (2%)	0/49 (0%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Total	3/149 (2.01%)	Mean 2%	SD 2%	Total	0/150 (0%)	Mean 0%	SD 0%
•••••							
	0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
					( )		
			a (= a ( a a ( )				
	( )	( )			· · /	· · ·	0/50 (0%)
	( )		SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
cified:							
	0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
	Total Total Total Total Total	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Male           0/50 (0%)         0/49 (0%)           Total         0/149 (0%)           0/50 (0%)         0/49 (0%)           Mean 0%         0/149 (0%)           Total         0/149 (0%)           Mean 0%         0/49 (0%)           Total         0/149 (0%)           Mean 0%         0/49 (0%)           Total         1/50 (2%)           0/50 (0%)         0/49 (0%)           Mean 2%         0/50 (0%)           Mean 0%         0/49 (0%)           Total         0/149 (0%)           Mean 0%         0/49 (0%)           Total         0/149 (0%)           Mean 0%         0/49 (0%)           Total         0/149 (0%)           Mean 0%         0/49 (0%)           Mean 0%         0/149 (0%)	Tumor Incidence for Selected Control / Route: ORAL Vehicle: FEED           Male           0/50         (0%)         0/49         (0%)         0/50         (0%)           Total         0/149         (0%)         0/49         (0%)         SD         0%           Total         0/50         (0%)         0/49         (0%)         SD         0%           Total         0/149         (0%)         0/49         (0%)         2/50         (4%)           Total         0/149         (0%)         0/49         (0%)         2/50         (4%)           Total         3/149         (2.01%)         Mean         2%         SD         2%           Total         0/50         (0%)         0/49         (0%)         0/50         (0%)           Total         0/50         (0%)         0/49         (0%)         SD         0%           Total         0/50         (0%)         0/49         (0%)         SD         0%           Mean         0%         SD         0%         SD         0%         0%           Total         0/50         (0%)         0/49         (0%)         SD         0%           0/50	Tumor Incidence for Selected Control Animal Groups Route: ORAL Vehicle: FEED           Male           0/50         (0%)         0/49         (0%)         0/50         (0%)           Total         0/149         (0%)         0/50         (0%)         Total           0/50         (0%)         0/49         (0%)         0/50         (0%)         Total           0/149         (0%)         0/49         (0%)         0/50         (0%)         Total           0/50         (0%)         0/49         (0%)         0/50         (0%)         Total           1/50         (2%)         0/49         (0%)         2/50         (4%)         Total           1/50         (2%)         0/49         (0%)         2/50         (4%)         Total           1/50         (2%)         0/49         (0%)         SD 0%         Total           0/50         (0%)         0/49         (0%)         0/50         (0%)           Total         0/149         (0%)         0/49         (0%)         0/50         (0%)           Total         0/50         (0%)         0/49         (0%)         0/50         (0%)           Total         0/50<	Tumor Incidence for Selected Control Animal Groups Route: ORAL Vehicle: FEED           Male           0/50         0/%         0/49         0%         SD         0%         Total         0/50         (0%)           Total         0/149         0%         Male         0/50         0%         Total         0/50         (0%)           Total         0/149         0%         SD         0%         Total         0/50         (0%)           Total         0/50         0%         0/49         0%         SD         0%         Total         0/50         (0%)           Total         0/149         0%         Mean         0%         SD         0%         Total         0/150         (0%)           Total         1/50         (2%)         0/49         (0%)         2/50         (4%)         Total         0/150         (0%)           Total         3/149         (2.01%)         Mean         2%         SD         2%         Total         0/150         (0%)           Total         0/149         (0%)         Mean         0%         SD         0%         Total         0/150         (0%)           0/50         (0%)	Tumor Incidence for Selected Control Animal Groups Route: ORAL Vehicle: FEED         Report Da           Male         Female           0/50 (0%)         0/49 (0%)         0/50 (0%)         0/50 (0%)         0/50 (0%)         0/50 (0%)         0/50 (0%)         0/50 (0%)         Mean 0%         SD 0%         Total         0/50 (0%)         0/50 (0%)         Mean 0%           0/100 (0%)         0/49 (0%)         0/50 (0%)         0/50 (0%)         0/50 (0%)         0/50 (0%)         Mean 0%           Total         0/150 (0%)         0/49 (0%)         0/50 (0%)         0/50 (0%)         0/50 (0%)         Mean 0%           Total         0/150 (0%)         0/49 (0%)         2/50 (4%)         Total         0/150 (0%)         Mean 0%           Total         1/50 (2%)         0/49 (0%)         2/50 (0%)         Total         0/150 (0%)         Mean 0%           Total         0/149 (0%)         0/49 (0%)         0/50 (0%)         Total         0/150 (0%)         Mean 0%           Mean 0%         SD 0%         Total         0/150 (0%)         0/50 (0%)         Mean 0%           Total         0/149 (0%)         0/49 (0%)         0/50 (0%)         0/50 (0%)         0/50 (0%)         Mean 0%           cif

**Toxicology Data Management System** 

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*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Dec2020

Version: Dec2020 Contract/Lab: All Laboratori Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ogy Data Management nce for Selected Control A Route: ORAL Vehicle: FEED	-		Page: 168 Report Da	<b>te:</b> 12/18/2020
			Male				Female	
#Intestine Small: Site Unsp Carcinoma	pecified:							
Overall Incidence	Total	1/50 (2%) 3/149 (2.01%)	0/49 (0%) Mean 2%	2/50 (4%) SD 2%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Intestine Small: Site Unsp Carcinoma or Adenoma							- / />	
Overall Incidence	Total	1/50 (2%) 3/149 (2.01%)	0/49 (0%) Mean 2%	2/50 (4%) SD 2%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Intestine Small: Site Unsp Leiomyosarcoma								0/50 /00/)
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Intestine Small: Site Unsp Mast Cell Tumor		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Unsp Polyp Adenomatous								
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
*Islets, Pancreatic: Adenoma		-/ /)						
Overall Incidence	Total	0/50 (0%) 2/147 (1.36%)	1/47 (2%) Mean 1.38%	1/50 (2%) SD 1.19%	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%

Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Report Da	<b>te:</b> 12/18/2020				
			Male			Female		
*Islets, Pancreatic: Carcinoma		0/50 (0%)	0/47 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
Overall Incidence	Total	0/147 (0%)	Mean 0%	SD 0%	Total	0/149 (0%)	Mean 0%	SD 0%
*Islets, Pancreatic: Carcinoma or Adenoma								
Overall Incidence	Total	0/50 (0%) 2/147 (1.36%)	1/47 (2%) Mean 1.38%	1/50 (2%) SD 1.19%	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%
*Kidney: Renal Tubule: Adenoma		0/50 (0%)	0/48 (0%)			0/50 (0%)	0/49 (0%)	0/50 (0%)
Overall Incidence	Total	1/147 (0.68%)	Mean 0.68%	SD 1.18%	Total	0/149 (0%)	Mean 0%	SD 0%
'Kidney: Renal Tubule: Carcinoma		0/50 (0%)	0/48 (0%)	0/49 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
Overall Incidence	Total	0/147 (0%)	Mean 0%	SD 0%	Total	0/149 (0%)	Mean 0%	SD 0%
Kidney: Renal Tubule: Carcinoma or Adenoma								
Overall Incidence	Total	0/50 (0%) 1/147 (0.68%)	0/48 (0%) Mean 0.68%	1/49 (2%) SD 1.18%	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%
'Kidney: Renal Tubule: Hemangiosarcoma		0/50 (0%)	0/48 (0%)	0/49 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
Overall Incidence	Total	0/147 (0%)	Mean 0%	SD 0%	Total	0/149 (0%)	Mean 0%	SD 0%

**Toxicology Data Management System** 

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*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Dec2020

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ogy Data Management ice for Selected Control Route: ORAL Vehicle: FEED		Page: 170 Report Date: 12/18/2020			
			Male				Female		
*Kidney: Renal Tubule: Mast Cell Tumor		0/50 (0%)	0/48 (0%)	0/49 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	0/147 (0%)	Mean 0%	SD 0%	Total	0/149 (0%)	Mean 0%	SD 0%	
*Kidney: Renal Tubule: Renal Mesenchymal Tumor		0/50 (0%)	0/48 (0%)	0/49 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	0/147 (0%)	Mean 0%	SD 0%	Total	0/149 (0%)	Mean 0%	SD 0%	
*Liver: Cholangiocarcinoma Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
		· · ·				· · ·			
*Liver: Hemangioma Overall Incidence	Total	0/50 (0%) 1/149 (0.67%)	0/49 (0%) Mean 0.67%	1/50 (2%) SD 1.15%	Total	0/50 (0%) 1/150 (0.67%)	1/50 (2%) Mean 0.67%	0/50 (0%) SD 1.15%	
*Liver: Hemangiosarcoma		·····				······			
Overall Incidence	Total	3/50 (6%) 3/149 (2.01%)	0/49 (0%) Mean 2%	0/50 (0%) SD 3.46%	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%	
*Liver: Hepatoblastoma		0/50 (0%)	1/49 (2%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	2/149 (1.34%)	Mean 1.35%	SD 1.17%	Total	0/150 (0%)	Mean 0%	SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ogy Data Management nce for Selected Control A Route: ORAL Vehicle: FEED	-	i	Page: 171 Report Date: 12/1			
			Male				Female			
*Liver: Hepatocellular Adenoma Overall Incidence	Total	18/50 (36%) 60/149 (40.27%)	21/49 (43%) Mean 40.29%	21/50 (42%) SD 3.74%	Total	3/50 (6%) 17/150 (11.33%)	3/50 (6%) Mean 11.33%	11/50 (22%) SD 9.24%		
Hepatocellular Carcinoma Overall Incidence	Total	10/50 (20%) 23/149 (15.44%)	8/49 (16%) Mean 15.44%	5/50 (10%) SD 5.06%	Total	1/50 (2%) 3/150 (2%)	1/50 (2%) Mean 2%	1/50 (2%) SD 0%		
*Liver:		·····								
Hepatocellular Carcinoma o	r Hepatob		0/40 (4.00/)	0/50 (400/)		4/50 (00()	4/50 (00/)			
Overall Incidence	Total	10/50 (20%) 24/149 (16.11%)	8/49 (16%) Mean 16.11%	6/50 (12%) SD 4%	Total	1/50 (2%) 3/150 (2%)	1/50 (2%) Mean 2%	1/50 (2%) SD 0%		
*Liver: Hepatocellular Carcinoma o			26/49 (53%)	23/50 (46%)		4/50 (8%)	4/50 (8%)	12/50 (24%)		
Overall Incidence	Total	73/149 (48.99%)	Mean 49.02%	SD 3.64%	Total	20/150 (13.33%)	Mean 13.33%	SD 9.24%		
*Liver: Hepatocellular Carcinoma, I			olastoma	24/50 (48%)		4/50 (8%)	4/50 (8%)	12/50 (24%)		
Overall Incidence	Total	74/149 (49.66%)	Mean 49.69%	SD 2.92%	Total	20/150 (13.33%)	Mean 13.33%	SD 9.24%		
*Liver: Hepatocholangiocarcinoma		0/50 (0%)	1/49 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	1/149 (0.67%)	Mean 0.68%	SD 1.18%	Total	0/150 (0%)	Mean 0%	SD 0%		

Version: Dec2020
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1/N
Length of Study: CHRONIC

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

# Page: 172 Report Date: 12/18/2020

			Male				Female	
*Liver: Ito Cell Tumor Benign		0/50 /02/ )	0/40 (0%)	0/50 (0%)		0/50 (00/)	0/50 (00/.)	0/50 (0%)
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
*Liver: Mast Cell Tumor		0/50 (0)()				0/50 (0%)	0/50 (00/)	0/50 (0%)
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
′Lung: Alveolar/Bronchiolar Ad	enoma	0/50 (40%)	7/40 (4.42%)	0/50 (40%)		0/50 (40/)	E/EQ (400/)	0/50 (0%)
Overall Incidence	Total	9/50 (18%) 24/149 (16.11%)	7/49 (14%) Mean 16.1%	8/50 (16%) SD 1.86%	Total	2/50 (4%) 10/150 (6.67%)	5/50 (10%) Mean 6.67%	3/50 (6%) SD 3.06%
Lung: Alveolar/Bronchiolar Ca	rcinoma							
Overall Incidence	Total	3/50 (6%) 9/149 (6.04%)	5/49 (10%) Mean 6.07%	1/50 (2%) SD 4.1%	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%
Lung: Alveolar/Bronchiolar Ca	rcinoma or Al	veolar/Bronchiolar Adeno						
Overall Incidence	Total	11/50 (22%) 31/149 (20.81%)	11/49 (22%) Mean 20.82%	9/50 (18%) SD 2.45%	Total	2/50 (4%) 11/150 (7.33%)	5/50 (10%) Mean 7.33%	4/50 (8%) SD 3.06%
′Lung: Hemangiosarcoma								
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%

*: Denominator is number of animals with tissues examined microscopically

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			Male				Female	
*Lung: Mast Cell Tumor		0(50 (00()	0/40 (00/)	0/50 /00/)		0/50 (00/)	0/50 (00/)	2/52 (22/)
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Lymph Node: Hemangiosarcoma		0/50 /00/)	0/40 (00/)	0/50 (00/)		0/50 (00%)	0/50 (00/.)	4/50 (00/)
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%
#Lymph Node: Mast Cell Tumor		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Lymph Node, Mandibular: Mast Cell Tumor		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Lymph Node, Mandibular: Mast Cell Tumor Malignant								
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Lymph Node, Mesenteric: Hemangioma		0/50 (0)()		0/50 (00/)			0/50 (00/.)	0/50 (00/)
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ogy Data Management ice for Selected Control A Route: ORAL Vehicle: FEED	-		Page: 174 Report Da	<b>te:</b> 12/18/2020
			Male				Female	
#Lymph Node, Mesenteric: Hemangiosarcoma		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Lymph Node, Mesenteric: Mast Cell Tumor		0/50 (0%)		0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/50 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Lymph Node, Mesenteric: Mast Cell Tumor Malignant Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Mammary Gland: Adenoma Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	1/50 (2%) 4/150 (2.67%)	1/50 (2%) Mean 2.67%	2/50 (4%) SD 1.15%
#Mammary Gland: Carcinoma		0/50 (0%)	1/49 (2%)	0/50 (0%)		3/50 (6%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/149 (0.67%)	Mean 0.68%	SD 1.18%	Total	3/150 (2%)	Mean 2%	SD 3.46%
#Mammary Gland: Carcinoma or Adenoma		0/50 (0%)	1/49 (2%)	0/50 (0%)		4/50 (8%)	1/50 (2%)	2/50 (4%)
Overall Incidence	Total	1/149 (0.67%)	Mean 0.68%	SD 1.18%	Total	7/150 (4.67%)	Mean 4.67%	SD 3.06%

S				Page: 175 Report Date: 12/18/2020				
		Male			Female			
r Adenoma	0/50 (00()	0/40 (0%)	0/50 (0%)		4/50 (0%)	4/50 (20/)	0/50 (40/)	
Total	0/149 (0%)	Mean 0%	SD 0%	Total	4/150 (2.67%)	Mean 2.67%	2/50 (4%) SD 1.15%	
	r Adenoma					4/50 (00/.)	0/50 (40()	
Total	0/50 (0%) 1/149 (0.67%)	1/49 (2%) Mean 0.68%	0/50 (0%) SD 1.18%	Total	4/50 (8%) 7/150 (4.67%)	1/50 (2%) Mean 4.67%	2/50 (4%) SD 3.06%	
	0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
	0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
	0/50 (0%)	0/40 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Total	0/50 (0%)	0/49 (0%) Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
	0/50 (00()	0/40 (00%)	0/50 (0%)		0/50 (0%)	4/50 (00/.)	0/50 (00())	
Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%		Total	0/50 (0%) 1/150 (0.67%)	1/50 (2%) Mean 0.67%	0/50 (0%) SD 1.15%	
	r Adenoma Total Carcinoma, ol Total Total Total	r Adenoma 0/50 (0%) Total 0/149 (0%) Carcinoma, or Adenoma 0/50 (0%) Total 1/149 (0.67%) 0/50 (0%) Total 0/149 (0%) Total 0/149 (0%) 0/50 (0%) Total 0/149 (0%)	s Tumor Incider Male r Adenoma 0/50 (0%) 0/49 (0%) Total 0/149 (0%) Mean 0% Carcinoma, or Adenoma 0/50 (0%) 1/49 (2%) Total 1/149 (0.67%) Mean 0.68% 0/50 (0%) 0/49 (0%) Mean 0% Total 0/149 (0%) Mean 0% 0/50 (0%) 0/49 (0%) Mean 0% 0/50 (0%) 0/49 (0%) Mean 0% 0/50 (0%) 0/49 (0%) Mean 0%	S         Tumor Incidence for Selected Control. Route: ORAL Vehicle: FEED           Male           r Adenoma         0/50 (0%)         0/49 (0%)         0/50 (0%)           Total         0/149 (0%)         Mean 0%         SD 0%           Carcinoma, or Adenoma         0/50 (0%)         1/49 (2%)         0/50 (0%)           Total         1/149 (0.67%)         Mean 0.68%         SD 1.18%           Carcinoma, or Adenoma         0/50 (0%)         0/49 (0%)         0/50 (0%)           Total         1/149 (0.67%)         Mean 0.68%         SD 1.18%           Cotal         0/149 (0%)         Mean 0%         SD 0%           Total         0/149 (0%)         Mean 0%         SD 0%           0/50 (0%)         0/49 (0%)         0/50 (0%)         0/50 (0%)           0/50 (0%)         0/49 (0%)         0/50 (0%)         0/50 (0%)	Route: ORAL Vehicle: FEED           Male           r Adenoma           0/50         0%         0/49         0%         0/50         0%           Total         0/149         0%         Mean 0%         SD 0%         Total           Carcinoma, or Adenoma         0/50         0%         1/49         (2%)         0/50         0%           Total         1/149         (0.67%)         Mean 0.68%         SD 1.18%         Total           0/50         0%         0/49         0%         0/50         0%           Total         0/149         0%         Mean 0%         SD 0%         Total           0/50         0%         0/49         0%         SD 0%         Total           0/50         0%         0%         SD 0%         Total         0/50         0%           0/50         0%         0%         SD 0%         Total         0/50         0% <td>Tumor Incidence for Selected Control Animal Groups Route: ORAL Vehicle: FEED           Male           Male           T Adenoma           0/50 (0%)         0/49 (0%)         0/50 (0%)         1/50 (2%)           Total         0/149 (0%)         Mean 0%         SD 0%         Total         4/150 (2.67%)           Carcinoma, or Adenoma         0/50 (0%)         1/49 (2%)         0/50 (0%)         4/50 (8%)           Total         1/149 (0.67%)         Mean 0.68%         SD 1.18%         Total         7/150 (4.67%)           Carcinoma, or Adenoma         0/50 (0%)         0/49 (0%)         0/50 (0%)         Total         7/150 (4.67%)           Carcinoma, or Adenoma         0/50 (0%)         0/49 (0%)         0/50 (0%)         Total         7/150 (4.67%)           Carcinoma, or Adenoma         0/50 (0%)         0/49 (0%)         0/50 (0%)         Total         0/150 (0%)           Total         0/149 (0%)         Mean 0.68%         SD 0%         Total         0/150 (0%)           Total         0/149 (0%)         Mean 0%         SD 0%         Total         0/150 (0%)           Total         0/149 (0%)         0/49 (0%)         0/50 (0%)         Total         0/150 (0%)</td> <td>S         Tumor Incidence for Selected Control Animal Groups Route: ORAL Vehicle: FEED         Report Da           Male         Female           r Adenoma         0/50 (0%)         0/49 (0%)         0/50 (0%)         1/50 (2%)         1/50 (2%)         1/50 (2%)         Mean 2.67%           Total         0/50 (0%)         1/49 (0%)         0/50 (0%)         0/50 (0%)         1/49 (0%)         0/50 (0%)         1/50 (2%)         1/50 (2%)         Mean 2.67%           Carcinoma, or Adenoma         0/50 (0%)         1/49 (2%)         0/50 (0%)         Total         4/150 (8%)         1/50 (2%)         Mean 2.67%           Carcinoma, or Adenoma         0/50 (0%)         1/49 (2%)         0/50 (0%)         Total         7/150 (4.67%)         Mean 4.67%           Total         0/50 (0%)         0/49 (0%)         0/50 (0%)         0/50 (0%)         0/50 (0%)         Mean 0%           Total         0/50 (0%)         0/49 (0%)         0/50 (0%)         Total         0/150 (0%)         Mean 0%           Total         0/50 (0%)         0/49 (0%)         0/50 (0%)         Total         0/150 (0%)         Mean 0%           Total         0/50 (0%)         0/49 (0%)         0/50 (0%)         0/50 (0%)         0/50 (0%)         Mean 0%           Total</td>	Tumor Incidence for Selected Control Animal Groups Route: ORAL Vehicle: FEED           Male           Male           T Adenoma           0/50 (0%)         0/49 (0%)         0/50 (0%)         1/50 (2%)           Total         0/149 (0%)         Mean 0%         SD 0%         Total         4/150 (2.67%)           Carcinoma, or Adenoma         0/50 (0%)         1/49 (2%)         0/50 (0%)         4/50 (8%)           Total         1/149 (0.67%)         Mean 0.68%         SD 1.18%         Total         7/150 (4.67%)           Carcinoma, or Adenoma         0/50 (0%)         0/49 (0%)         0/50 (0%)         Total         7/150 (4.67%)           Carcinoma, or Adenoma         0/50 (0%)         0/49 (0%)         0/50 (0%)         Total         7/150 (4.67%)           Carcinoma, or Adenoma         0/50 (0%)         0/49 (0%)         0/50 (0%)         Total         0/150 (0%)           Total         0/149 (0%)         Mean 0.68%         SD 0%         Total         0/150 (0%)           Total         0/149 (0%)         Mean 0%         SD 0%         Total         0/150 (0%)           Total         0/149 (0%)         0/49 (0%)         0/50 (0%)         Total         0/150 (0%)	S         Tumor Incidence for Selected Control Animal Groups Route: ORAL Vehicle: FEED         Report Da           Male         Female           r Adenoma         0/50 (0%)         0/49 (0%)         0/50 (0%)         1/50 (2%)         1/50 (2%)         1/50 (2%)         Mean 2.67%           Total         0/50 (0%)         1/49 (0%)         0/50 (0%)         0/50 (0%)         1/49 (0%)         0/50 (0%)         1/50 (2%)         1/50 (2%)         Mean 2.67%           Carcinoma, or Adenoma         0/50 (0%)         1/49 (2%)         0/50 (0%)         Total         4/150 (8%)         1/50 (2%)         Mean 2.67%           Carcinoma, or Adenoma         0/50 (0%)         1/49 (2%)         0/50 (0%)         Total         7/150 (4.67%)         Mean 4.67%           Total         0/50 (0%)         0/49 (0%)         0/50 (0%)         0/50 (0%)         0/50 (0%)         Mean 0%           Total         0/50 (0%)         0/49 (0%)         0/50 (0%)         Total         0/150 (0%)         Mean 0%           Total         0/50 (0%)         0/49 (0%)         0/50 (0%)         Total         0/150 (0%)         Mean 0%           Total         0/50 (0%)         0/49 (0%)         0/50 (0%)         0/50 (0%)         0/50 (0%)         Mean 0%           Total	

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

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			Male				Female	
^t Nose: Adenoma								
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Nose: Carcinoma								
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%
Nose: Polyp								
Verall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Oral Cavity (Oral Mucos Papilloma Squamous o	sa, Tongue, Phary	/nx, Tooth, Gingiva):						
verall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Oral Cavity (Oral Mucos Squamous Cell Carcin	sa, Tongue, Phary							
Verall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Oral Cavity (Oral Mucos Squamous Cell Carcin		ynx, Tooth, Gingiva): Squamous, or Papilloma 0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

	Tumor Incident		Report Da	<b>te:</b> 12/18/2020		
	Male				Female	
0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
			Total	0/48 (0%) 0/145 (0%)	0/48 (0%) Mean 0%	0/49 (0%) SD 0%
				0/40 (00/)	440 (00)	0/40 (0%)
			Total	3/48 (6%) 7/145 (4.83%)	4/48 (8%) Mean 4.86%	0/49 (0%) SD 4.34%
				- / / / /	- / / /	
			Total	0/48 (0%) 1/145 (0.69%)	0/48 (0%) Mean 0.68%	1/49 (2%) SD 1.18%
			Total	0/48 (0%) 0/145 (0%)	0/48 (0%) Mean 0%	0/49 (0%) SD 0%
nt, NOS						
			Total	0/48 (0%) 1/145 (0.69%)	0/48 (0%) Mean 0.68%	1/49 (2%) SD 1.18%
-	0/149 (0%)	Male 0/50 (0%) 0/49 (0%) 0/149 (0%) Mean 0%	Male           0/50 (0%)         0/49 (0%)         0/50 (0%)           0/149 (0%)         Mean 0%         SD 0%	Male           0/50 (0%)         0/49 (0%)         0/50 (0%)           0/149 (0%)         0/50 (0%)         Total           Total	Note: ORAL Vehicle: FEED           0/50         0%0         0/49         0%0         0/50         0%0           0/149         0%0         0/50         0%0         Total         0/150         0%0           Total         0/145         0%0         Total         0/145         0%0           Total         0/145         0%1         0/48         (0%)         Total         0/145         0%0           Total         1/145         0.69%)         Total         0/145         0%0         Total         0/145         0%0           Total         0/145         0%0         Total         0/145         0%0         Total         0/145         0%0           Total         0/145         0%0         Total         0/145         0%0         Total         0/145         0%0	Male         Female           0/50 (0%)         0/49 (0%)         0/50 (0%)         0/50 (0%)         0/50 (0%)         0/50 (0%)         0/50 (0%)         0/50 (0%)         0/50 (0%)         Mean 0%           0/149 (0%)         Mean 0%         SD 0%         Total         0/150 (0%)         Mean 0%         Mean 0%           Total         0/148 (0%)         0/48 (0%)         Mean 0%         Mean 0.68%         Mean 0%         M

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ORAL Vehicle: FEED			Page: 178 Report Date: 12/18/2020		
	Male	Female				
*Ovary:						
Granulosa-Theca Tumor Malignant Overall Incidence	Total	0/48 (0%) 0/145 (0%)	0/48 (0%) Mean 0%	0/49 (0%) SD 0%		
'Ovary: Hemangioma						
Overall Incidence	Total	0/48 (0%) 1/145 (0.69%)	1/48 (2%) Mean 0.69%	0/49 (0%) SD 1.2%		
*Ovary: Hemangiosarcoma						
Overall Incidence	Total	2/48 (4%) 2/145 (1.38%)	0/48 (0%) Mean 1.39%	0/49 (0%) SD 2.41%		
'Ovary: Luteoma						
Overall Incidence	Total	0/48 (0%) 0/145 (0%)	0/48 (0%) Mean 0%	0/49 (0%) SD 0%		
Ovary: Sarcoma						
Overall Incidence	Total	0/48 (0%) 0/145 (0%)	0/48 (0%) Mean 0%	0/49 (0%) SD 0%		
Ovary: Thecoma Malignant						
Dverall Incidence	Total	0/48 (0%) 0/145 (0%)	0/48 (0%) Mean 0%	0/49 (0%) SD 0%		

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		Male				Female			
*Ovary: Tubulostromal Adenoma						0/48 (0%)	0/48 (0%)	0/49 (0%)	
Overall Incidence					Total	0/145 (0%)	Mean 0%	SD 0%	
*Pancreas: Mast Cell Tumor									
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	
*Parathyroid Gland: Adenoma									
Overall Incidence	Total	0/40 (0%) 0/114 (0%)	0/32 (0%) Mean 0%	0/42 (0%) SD 0%	Total	0/43 (0%) 0/107 (0%)	0/21 (0%) Mean 0%	0/43 (0%) SD 0%	
*Parathyroid Gland: Carcinoma									
Overall Incidence	Total	0/40 (0%) 1/114 (0.88%)	0/32 (0%) Mean 0.79%	1/42 (2%) SD 1.37%	Total	0/43 (0%) 0/107 (0%)	0/21 (0%) Mean 0%	0/43 (0%) SD 0%	
*Pituitary Gland: Pars Distalis Adenoma									
Overall Incidence	Total	0/48 (0%) 0/143 (0%)	0/45 (0%) Mean 0%	0/50 (0%) SD 0%	Total	1/49 (2%) 4/146 (2.74%)	0/47 (0%) Mean 2.68%	3/50 (6%) SD 3.05%	
*Pituitary Gland: Pars Distalis Carcinoma		ified Site:							
Overall Incidence	Total	0/48 (0%) 0/143 (0%)	0/45 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/49 (0%) 0/146 (0%)	0/47 (0%) Mean 0%	0/50 (0%) SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC		Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ORAL Vehicle: FEED				Page: 180 Report Date: 12/18/2020			
		Male				Female			
*Pituitary Gland: Pars Distalis Carcinoma or Adenoma	or Unspeci								
Overall Incidence	Total	0/48 (0%) 0/143 (0%)	0/45 (0%) Mean 0%	0/50 (0%) SD 0%	Total	1/49 (2%) 4/146 (2.74%)	0/47 (0%) Mean 2.68%	3/50 (6%) SD 3.05%	
*Pituitary Gland: Pars Interme Adenoma	edia:								
Overall Incidence	Total	0/48 (0%) 0/143 (0%)	0/45 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/49 (0%) 1/146 (0.68%)	1/47 (2%) Mean 0.71%	0/50 (0%) SD 1.23%	
*Pituitary Gland: Pars Interme Carcinoma									
Overall Incidence	Total	0/48 (0%) 0/143 (0%)	0/45 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/49 (0%) 0/146 (0%)	0/47 (0%) Mean 0%	0/50 (0%) SD 0%	
*Pituitary Gland: Pars Interme Carcinoma or Adenoma									
Overall Incidence	Total	0/48 (0%) 0/143 (0%)	0/45 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/49 (0%) 1/146 (0.68%)	1/47 (2%) Mean 0.71%	0/50 (0%) SD 1.23%	
*Pituitary Gland: Pars Interme Schwannoma Malignant									
Overall Incidence	Total	0/48 (0%) 0/143 (0%)	0/45 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/49 (0%) 0/146 (0%)	0/47 (0%) Mean 0%	0/50 (0%) SD 0%	
*Prostate: Hemangiosarcoma		0/50 (0%)	0/49 (0%)	0/50 (0%)					
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%					

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			Male			Female			
*Prostate: Mast Cell Tumor		0/50 (0%)	0/49 (0%)	0/50 (0%)					
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%					
*Salivary Glands: Adenoma		0/49 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/40 (0%)	0/50 (0%)	
Overall Incidence	Total	0/49 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	
*Salivary Glands: Carcinoma									
Overall Incidence	Total	0/49 (0%) 0/148 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	
*Salivary Glands: Carcinoma or Adenoma		0/49 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	0/148 (0%)	Mean 0%	SD 0%	Total	0/149 (0%)	Mean 0%	SD 0%	
*Salivary Glands: Hemangiosarcoma		0/40 (057)		0/50 (00/)		0/50 /00/	0/40 (00/)	2/52 (22/)	
Overall Incidence	Total	0/49 (0%) 0/148 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	
*Salivary Glands: Mast Cell Tumor		0/40 (0%)	0/40 (0%)	0/50 (0%)		0/50 (0%)	0/40 (0%)	0/50 (09/)	
Overall Incidence	Total	0/49 (0%) 0/148 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicolo Tumor Incideno		Page: 182 Report Date: 12/18/2020			
			Male				Female	
*Salivary Glands: Myxosarcoma Overall Incidence	Total	0/49 (0%) 0/148 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%
		0/140 (0 %)		30 0%	10tai	0/149 (078)		
#Seminal Vesicle: Adenoma		0/50 (0%)	0/49 (0%)	0/50 (0%)				
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%				
#Seminal Vesicle: Fibroma Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%				
	10tai	0/149 (0%)		50 0%				
#Skeletal Muscle: Hemangiosarcoma		0/50 (0%)	0/49 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
#Skeletal Muscle: Osteosarcoma		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/150 (0%)	Mean 0%	0/50 (0%) SD 0%
#Skeletal Muscle: Rhabdomyosarcoma		0/50 (0%)	0/49 (0%)	0/50 (0%)		1/50 (2%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/50 (0%)	0/49 (0%) Mean 0%	SD 0%	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%
*: Denominator is number of animals								

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ogy Data Managemer ce for Selected Contro Route: ORAL Vehicle: FEED		Page: 183 Report Date: 12/18/2020			
			Male				Female		
#Skeletal Muscle: Rhabdomyosarcoma or Rha	bdomyoma	0/50 (0%)	0/49 (0%)	0/50 (0%)		1/50 (2%)	1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%	
#Skeletal Muscle: Sarcoma		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	
#Skin: Basal Cell Adenoma Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
#Skin: Basal Cell Adenoma or Base				0/50 (0%)		· · /	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
#Skin: Basal Cell Adenoma, Basos				0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
≭Skin: Basal Cell Carcinoma		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	

Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ogy Data Management ice for Selected Control A Route: ORAL Vehicle: FEED		Page: 184 Report Date: 12/18/2020			
			Male			Female			
#Skin:									
Basal Cell Carcinoma or Ba	isosquamoi	us Tumor (malignant or N 0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
#Skin: Basal Cell Carcinoma, Basa NOS), or Trichoepithelioma	al Cell Aden	oma, Basosquamous Tur	nor (benign, malignaı	nt or					
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
#Skin: Basal or Sg. Cell Carcinoma	a Carcinom	a Basosa Tumor (Mor F	3) Basal Cell Adenon	าล					
#Skin: Basal or Sq. Cell Carcinoma Adenoma, Papilloma, Sq Pa Overall Incidence	<b>a, Carcinom</b> a <b>pilloma, Ke</b> Total	a, Basosq. Tumor (M or B ratoacanthoma, Trichoeg 0/50 (0%) 0/149 (0%)	B), Basal Cell Adenon bithelioma 0/49 (0%) Mean 0%	na, 0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
Basal or Sq. Cell Carcinoma Adenoma, Papilloma, Sq Pa	a <b>pilloma, Ke</b> Total	eratoacanthoma, Trichoeg 0/50 (0%) 0/149 (0%)	b <b>ithelioma</b> 0/49 (0%) Mean 0%	0/50 (0%)		0/150 (0%)	Mean 0%	( )	
Basal or Sq. Cell Carcinoma Adenoma, Papilloma, Sq Pa Overall Incidence #Skin: Fibroma Overall Incidence	Total Total	eratoacanthoma, Trichoeg 0/50 (0%) 0/149 (0%) 0/50 (0%) 0/149 (0%)	Dithelioma 0/49 (0%) Mean 0% 	0/50 (0%) SD 0% 0/50 (0%) SD 0%	Total	0/150 (0%) 0/50 (0%) 0/150 (0%)	Mean 0% 0/50 (0%) Mean 0%	SD 0% 0/50 (0%) SD 0%	
Basal or Sq. Cell Carcinoma Adenoma, Papilloma, Sq Pa Overall Incidence #Skin: Fibroma	Total Total Total	eratoacanthoma, Trichoeg 0/50 (0%) 0/149 (0%) 0/50 (0%) 0/149 (0%) oma, Myxosarcoma, Mali	bithelioma 0/49 (0%) Mean 0% 0/49 (0%) Mean 0% gnant Fibrous Histioc	0/50 (0%) SD 0% 0/50 (0%) SD 0%	Total	0/150 (0%) 0/50 (0%) 0/150 (0%)	Mean 0% 0/50 (0%) Mean 0%	SD 0% 0/50 (0%) SD 0%	
Basal or Sq. Cell Carcinoma Adenoma, Papilloma, Sq Pa Overall Incidence #Skin: Fibroma Overall Incidence #Skin: Fibroma, Fibrosarcoma, Sal Hemangiopericytoma	Total Total Total rcoma, Myx	eratoacanthoma, Trichoeg 0/50 (0%) 0/149 (0%) 0/50 (0%) 0/149 (0%) oma, Myxosarcoma, Mali 0/50 (0%) 2/149 (1.34%)	Dithelioma 0/49 (0%) Mean 0% 0/49 (0%) Mean 0% gnant Fibrous Histion 0/49 (0%) Mean 1.33%	0/50 (0%) SD 0% 0/50 (0%) SD 0% cytoma, or 2/50 (4%) SD 2.31%	Total	0/150 (0%) 0/50 (0%) 0/150 (0%) 2/50 (4%) 2/150 (1.33%)	Mean 0% 0/50 (0%) Mean 0% 0/50 (0%) Mean 1.33%	SD 0% 0/50 (0%) SD 0% 0/50 (0%) SD 2.31%	
Basal or Sq. Cell Carcinoma Adenoma, Papilloma, Sq Pa Overall Incidence #Skin: Fibroma Overall Incidence #Skin: Fibroma, Fibrosarcoma, Sau Hemangiopericytoma	Total Total Total rcoma, Myx Total	eratoacanthoma, Trichoeg 0/50 (0%) 0/149 (0%) 0/50 (0%) 0/149 (0%) oma, Myxosarcoma, Mali 0/50 (0%) 2/149 (1.34%) oma, Myxosarcoma, or M	bithelioma 0/49 (0%) Mean 0% 0/49 (0%) Mean 0% gnant Fibrous Histion 0/49 (0%) Mean 1.33%	0/50 (0%) SD 0% 0/50 (0%) SD 0% cytoma, or 2/50 (4%) SD 2.31%	Total	0/150 (0%) 0/50 (0%) 0/150 (0%) 2/50 (4%) 2/150 (1.33%)	Mean 0% 0/50 (0%) Mean 0% 0/50 (0%) Mean 1.33%	SD 0% 0/50 (0%) SD 0% 0/50 (0%) SD 2.31%	
Basal or Sq. Cell Carcinoma Adenoma, Papilloma, Sq Pa Overall Incidence #Skin: Fibroma Overall Incidence #Skin: Fibroma, Fibrosarcoma, Sa Hemangiopericytoma Overall Incidence	Total Total Total rcoma, Myx Total	eratoacanthoma, Trichoeg 0/50 (0%) 0/149 (0%) 0/50 (0%) 0/149 (0%) oma, Myxosarcoma, Mali 0/50 (0%) 2/149 (1.34%)	Dithelioma 0/49 (0%) Mean 0% 0/49 (0%) Mean 0% gnant Fibrous Histion 0/49 (0%) Mean 1.33%	0/50 (0%) SD 0% 0/50 (0%) SD 0% cytoma, or 2/50 (4%) SD 2.31%	Total	0/150 (0%) 0/50 (0%) 0/150 (0%) 2/50 (4%) 2/150 (1.33%)	Mean 0% 0/50 (0%) Mean 0% 0/50 (0%) Mean 1.33%	SD 0% 0/50 (0%) SD 0% 0/50 (0%) SD 2.31%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC											
			Male				Female				
#Skin: Fibrosarcoma Overall Incidence	Total	0/50 (0%) 2/149 (1.34%)	0/49 (0%) Mean 1.33%	2/50 (4%) SD 2.31%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%			
		( )				( )					
#Skin: Fibrosarcoma, Sarcoma, M	yxosarcom			2/50 (40/)		2/50 (49/)	0/50 (0%()				
Overall Incidence	Total	0/50 (0%) 2/149 (1.34%)	0/49 (0%) Mean 1.33%	2/50 (4%) SD 2.31%	Total	2/50 (4%) 2/150 (1.33%)	0/50 (0%) Mean 1.33%	0/50 (0%) SD 2.31%			
#Skin: Fibrous Histiocytoma Malig	gnant	0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%			
#Skin: Hemangioma		0/50 (0%)	0/40 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%			
#Skin: Hemangiosarcoma			-//- /			-/ /	- /	- ()			
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%			
#Skin: Keratoacanthoma			-//- /	- / /			- / /	- ()			
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%			

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC

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

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			Male			Female				
#Skin: Lipoma			- / / /							
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%		
≭Skin: Liposarcoma		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)		0/50 (0%)		
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	0/50 (0%) Mean 0%	SD 0%		
≮Skin: Malignant Fibrous Hist	iocytoma	0/50 (0%)	0/40 (0%)	0/50 (00/.)		0/50 (40%)	0/50 (00/.)	0/50 (00/.)		
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	2/50 (4%) 2/150 (1.33%)	0/50 (0%) Mean 1.33%	0/50 (0%) SD 2.31%		
Skin: Melanoma Benign		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%		
Skin: Neurofibrosarcoma or		<b>u</b> ,								
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%		
#Skin:		Schwannoma (benign, ma 0/50 (0%)		0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%		

*: Denominator is number of animals with tissues examined microscopically

			TOXICOI	yy Data Management	oystem		rage. 107	
Contract/Lab: All Laboratories			Report Date: 12/18/2020					
Species: MICE								
Strain: B6C3F1/N								
Length of Study: CHRONIC				Vehicle: FEED				
Length of Olday. Of Ronio								
			Male		Female			
#Skin: Osteosarcoma								
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Skin: Pilomatrixoma								
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Skin: Sarcoma								
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Skin: Schwannoma Malignant								
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Skin: Squamous Cell Carcinoma,								
or Carcinoma		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/50 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
	10tai	0/149 (0%)		070 U%	10tai	0/100 (0%)		עכ עיש
#Skin: Squamous Cell Papilloma		0/50 (0%)	0/40 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%)	0/50 (0%) SD 0%	Total	( )	0/50 (0%)	0/50 (0%) SD 0%
Overall Incidence	Total	( )	Mean 0%		Total	0/150 (0%)	Mean 0%	

Toxicology Data Management System

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*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Dec2020

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	S			ogy Data Management ce for Selected Control A Route: ORAL Vehicle: FEED	•		Page: 188 Report Da	<b>te:</b> 12/18/2020
			Male				Female	
#Skin: Squamous Cell Papilloma Overall Incidence	<b>or Papilloma</b> Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Skin: Squamous Cell Papilloma				0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Skin: Squamous Cell Papilloma Overall Incidence	, <b>Papilloma</b> , <b>c</b> Total	or Keratoacanthoma 0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Spinal Cord: Astrocytoma Malignant Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
#Spinal Cord: Schwannoma Malignant Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
*Spleen: Hemangiosarcoma Overall Incidence	Total	0/50 (0%) 3/148 (2.03%)	1/48 (2%) Mean 2.03%	2/50 (4%) SD 2%	Total	0/50 (0%) 1/148 (0.68%)	0/49 (0%) Mean 0.68%	1/49 (2%) SD 1.18%

Version: Dec2020
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1/N
Length of Study: CHRONIC

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

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			Male				Female	
Stomach, Forestomach: Mast Cell Tumor Malignant								
overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
		0/149 (070)						
Stomach, Forestomach: Squamous Cell Carcinoma								
	<b>-</b>	0/50 (0%)	0/49 (0%)	0/50 (0%)	<b>-</b>	0/50 (0%)	0/50 (0%)	0/50 (0%)
verall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
Stomach, Forestomach: Squamous Cell Carcinoma o Overall Incidence	or Papillom	na Squamous 1/50 (2%) 3/149 (2.01%)	2/49 (4%) Mean 2.03%	0/50 (0%) SD 2.04%	Total	0/50 (0%) 2/150 (1.33%)	1/50 (2%) Mean 1.33%	1/50 (2%) SD 1.15%
		3/143 (2.0170)				2/100 (1.00/0)		
Stomach, Forestomach: Squamous Cell Papilloma		1/50 (2%)	2/49 (4%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	1/50 (2%)
overall Incidence	Total	3/149 (2.01%)	Mean 2.03%	SD 2.04%	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%
Stomach, Glandular: Adenoma								
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
			Marca 00/	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
verall Incidence	Total	0/149 (0%)	Mean 0%	00 070				
overall Incidence Stomach, Glandular: Carcinoma	Total							
Stomach, Glandular:	Total Total	0/149 (0%) 	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%

*: Denominator is number of animals with tissues examined microscopically

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ORAL Vehicle: FEED						Page: 190 Report Date: 12/18/2020		
			Male				Female		
#Stomach, Glandular: Carcinoma or Adenoma Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 1/150 (0.67%)	1/50 (2%) Mean 0.67%	0/50 (0%) SD 1.15%	
		0/140 (0/0)							
*Testis: Adenoma		0/50 (0%)	0/49 (0%)	0/50 (0%)					
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%					
'Testis: Hemangioma Dverall Incidence	Total	0/50 (0%) 1/149 (0.67%)	1/49 (2%) Mean 0.68%	0/50 (0%) SD 1.18%					
Thymus: Thymoma Benign		0/45 (0%)	0/45 (0%)	0/46 (0%)		0/45 (0%)	0/48 (0%)	0/48 (0%)	
Overall Incidence	Total	0/136 (0%)	Mean 0%	SD 0%	Total	0/141 (0%)	Mean 0%	SD 0%	
Thymus: Thymoma NOS		0/45 (0%)	0/45 (0%)	0/46 (0%)		0/45 (0%)	0/48 (0%)	0/48 (0%)	
Overall Incidence	Total	0/136 (0%)	Mean 0%	SD 0%	Total	0/141 (0%)	Mean 0%	SD 0%	
*Thymus: Thymoma: Benign, Malignai	nt, NOS	0/45 (0%)	0/45 (0%)	0/46 (0%)		0/45 (0%)	0/48 (0%)	0/48 (0%)	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ogy Data Management ace for Selected Control A Route: ORAL Vehicle: FEED		Page: 191 Report Date: 12/18/2020			
			Male				Female		
*Thyroid Gland: C-Cell: Adenoma Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/147 (0%)	0/48 (0%) Mean 0%	0/49 (0%) SD 0%	
*Thyroid Gland: C-Cell: Carcinoma									
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	1/50 (2%) 1/147 (0.68%)	0/48 (0%) Mean 0.67%	0/49 (0%) SD 1.15%	
*Thyroid Gland: C-Cell: Carcinoma or Adenoma Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	1/50 (2%) 1/147 (0.68%)	0/48 (0%) Mean 0.67%	0/49 (0%) SD 1.15%	
*Thyroid Gland: Follicular Cel Adenoma Overall Incidence		0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 1/147 (0.68%)	1/48 (2%) Mean 0.69%	0/49 (0%) SD 1.2%	
*Thyroid Gland: Follicular Cel Carcinoma Overall Incidence	l: Total	0/50 (0%) 1/149 (0.67%)	0/49 (0%) Mean 0.67%	1/50 (2%) SD 1.15%	Total	0/50 (0%) 0/147 (0%)	0/48 (0%) Mean 0%	0/49 (0%) SD 0%	
*Thyroid Gland: Follicular Cel Carcinoma or Adenoma Overall Incidence		0/50 (0%) 1/149 (0.67%)	0/49 (0%) Mean 0.67%	1/50 (2%) SD 1.15%	Total	0/50 (0%) 1/147 (0.68%)	1/48 (2%) Mean 0.69%	0/49 (0%) SD 1.2%	

#: Denominator is number of animals necropsied

# Toxicology Data Management System

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ogy Data Management ce for Selected Control Route: ORAL Vehicle: FEED		Page: 192 Report Date: 12/18/2020			
			Male			·	Female		
#Tongue: Squamous Cell Carcinoma	or Papillom	a Squamous 0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
#Tongue: Squamous Cell Papilloma			0/40 (00/)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
#Tooth: Odontoma									
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
Urinary Bladder: Hemangiosarcoma									
Overall Incidence	Total	0/50 (0%) 0/148 (0%)	0/49 (0%) Mean 0%	0/49 (0%) SD 0%	Total	0/48 (0%) 0/147 (0%)	0/50 (0%) Mean 0%	0/49 (0%) SD 0%	
Urinary Bladder: Mast Cell Tumor									
Overall Incidence	Total	0/50 (0%) 0/148 (0%)	0/49 (0%) Mean 0%	0/49 (0%) SD 0%	Total	0/48 (0%) 0/147 (0%)	0/50 (0%) Mean 0%	0/49 (0%) SD 0%	
#Uterus: Adenocarcinoma or Adenoi	ma								
Overall Incidence					Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
*: Denominator is number of animals		examined microscopically				·····			

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ORAL Vehicle: FEED		Page: 193 Report Date: 12/18/2020			
	Male		Female			
#Uterus: Adenoma						
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%		
Uterus: Adenoma, Adenocarcinoma, Sq Cell Carcinoma, or Sq Cell Par	pilloma					
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%		
ŧUterus: Fibroma						
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%		
Uterus: Granular Cell Tumor Benign						
Dverall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%		
Uterus: Hemangioma						
Dverall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%		
Uterus: Hemangiosarcoma						
Dverall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%		

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ORAL Vehicle: FEED		Page: 194 Report Da	t <b>e:</b> 12/18/2020
	Male		Female	
#Uterus:	· · · · · · · · · · · · · · · · · · ·			
Leiomyoma		1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
#Uterus:				
Polyp Stromal				
Overall Incidence	Total	0/50 (0%) 2/150 (1.33%)	1/50 (2%) Mean 1.33%	1/50 (2%) SD 1.15%
	ı otai	2/150 (1.55%)	Weall 1.33%	JU 1.10%
#Uterus: Sarcoma				
Garoonia		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%
#Uterus:				
Sarcoma Stromal				
		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%
#Uterus:				
Sarcoma Stromal or Polyp Stromal				
		0/50 (0%)	1/50 (2%)	1/50 (2%)
Overall Incidence	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%
¢Vagina:				
Hemangioma				
		1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
: Denominator is number of animals with tissues examined micros				

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicolo Tumor Incideno		Page: 195 Report Da	<b>te:</b> 12/18/2020		
			Male				Female	
#Zymbal's Gland: Carcinoma		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
#Zymbal's Gland: Carcinoma or Adenoma								
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%

# Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC

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

	Study Summary										
Laboratory Name	Study Number	Study Start Date	Length of Study in Days	Number of Animals Total and (#/Cage)	Number Surviving and (Mean Life Span)	Maximum Mean Weekly Body Weight	Chemical				
					Male						
Battelle Columbus Laboratory	050303804	01/17/12	730	50(1)	26(683)	54.6	Sodium Tungstate Dihydrate				
					Female						
Battelle Columbus Laboratory	050303804	01/16/12	729	50(4)	38(700)	61.6	Sodium Tungstate Dihydrate				

Version: Dec2020 Contract/Lab: All Laboratori Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme nce for Selected Contr Route: ORAL Vehicle: WATER		Page: 197 Report Date: 12/18/2020			
			Male			Female			
#All Organs: Benign Tumors		31/50 (62%)				20/50 (40%)			
Overall Incidence	Total	31/50 (62%)	Mean 62%	SD 0%	Total	20/50 (40%)	Mean 40%	SD 0%	
#All Organs: Malignant Tumors		30/50 (60%)				15/50 (30%)			
Overall Incidence	Total	30/50 (60%)	Mean 60%	SD 0%	Total	15/50 (30%)	Mean 30%	SD 0%	
#All Organs: Malignant and Benign Tu Overall Incidence		42/50 (84%) 42/50 (84%)	Mean 84%	SD 0%	Total	32/50 (64%) 32/50 (64%)	Mean 64%	SD 0%	
#All Organs: Hemangioma Overall Incidence	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
#All Organs: Hemangiosarcoma		5/50 (10%)							
Overall Incidence	Total	5/50 (10%)	Mean 10%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%	
#All Organs: Hemangiosarcoma or He									
Overall Incidence	Total	6/50 (12%) 6/50 (12%)	Mean 12%	SD 0%	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			<b>Toxico</b> Tumor Incide	Page: 198 Report Dat	<b>e</b> : 12/18/2020			
			Male				Female	
#All Organs: Histiocytic Sarcoma		1/50 (2%)				2/50 (4%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%
#All Organs: Leukemia: Lymphocytic, Mo						0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#All Organs: Malignant Lymphoma: Histie Overall Incidence		phocytic, Mixed, NOS, or 5/50 (10%) 5/50 (10%)			Total	4/50 (8%) 4/50 (8%)	Mean 8%	SD 0%
#All Organs: Malignant Schwannoma		1/50 (2%)				0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#All Organs: Osteosarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#All Organs: Osteosarcoma or Osteoma		0/50 (0%)				0/50 (0%)		
		0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			<b>Toxic</b> Tumor Incide	Page: 199 Report Date: 12/18/2020				
			Male			Female		
*Adrenal Cortex: Adenoma		1/50 (2%)				0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Adrenal Medulla: Pheochromocytoma Benig		0/49 (0%)				0/50 (0%)		
Overall Incidence	Total	0/49 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Adrenal Medulla: Pheochromocytoma Maligi Overall Incidence		0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
*Adrenal Medulla: Pheochromocytoma: Beniç Overall Incidence		0/49 (0%)		CD 0%	Totol	0/50 (0%)	Moon 00/	SD 01/
	Total	0/49 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Blood Vessel: Hemangioma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Blood Vessel: Hemangiosarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxic Tumor Incide	Page: 200 Report Date: 12/18/2020				
			Male			Female		
*Bone Marrow: Hemangiosarcoma		2/50 (4%)				0/48 (0%)		
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	0/48 (0%)	Mean 0%	SD 0%
*Bone Marrow: Mast Cell Tumor Malignant		1/50 (2%)				0/48 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/48 (0%)	Mean 0%	SD 0%
*Bone Marrow: Sarcoma		0/50 (0%)				0/48 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/48 (0%)	Mean 0%	SD 0%
#Bone: Fibroma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Bone: Hemangioma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Bone: Hemangiosarcoma								
Overall Incidence	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratorie Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	S			ology Data Manageme ence for Selected Contr Route: ORAL Vehicle: WATER		Page: 201 Report Date: 12/18/2020		
			Male			Female		
#Bone: Osteosarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Bone: Osteosarcoma or Osteom		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Bone: Sarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Brain: Meningioma Malignant		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Brain: Meningioma: Benign, Mal		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Clitoral/Preputial Gland: Mast Cell Tumor								
Overall Incidence	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxica Tumor Incide		Page: 202 Report Date: 12/18/2020			
			Male			·	Female	
#Coagulating Gland: Granular Cell Tumor		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Coagulating Gland: Sarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Epididymis: Mast Cell Tumor Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%				
#Harderian Gland: Adenoma Overall Incidence	Total	2/50 (4%) 2/50 (4%)	Mean 4%	SD 0%	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%
#Harderian Gland: Carcinoma		1/50 (2%)				0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Harderian Gland: Carcinoma or Adenoma		3/50 (6%)				1/50 (2%)		
Overall Incidence	Total	3/50 (6%)	Mean 6%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Contr Route: ORAL Vehicle: WATER	Page: 203 Report Dat	<b>te:</b> 12/18/2020		
			Male				Female	
#Harderian Gland: Mast Cell Tumor Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
*Heart:								
Hemangiosarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Intestine Large: Cecum: Leiomyosarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Duodenum: Adenoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Duodenum: Carcinoma								
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Duodenum: Polyp Adenomatous		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Page: 204 Report Date: 12/18/2020					
			Male				Female	
#Intestine Small: Ileum: Adenoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Jejunum: Adenoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Jejunum: Carcinoma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Jejunum: Leiomyosarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Jejunum: Mast Cell Tumor		0/50 (00/)				0/50 (0)()		
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Unspeci Adenoma						0/50 (00/)		
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laborator Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicc Tumor Incide		Page: 205 Report Date: 12/18/2020			
			Male				Female	
#Intestine Small: Site Uns Carcinoma	pecified:	0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Uns Carcinoma or Adenoma	pecified:	0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Uns Leiomyosarcoma	pecified:	0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Uns Mast Cell Tumor	pecified:	0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Uns Polyp Adenomatous						- / / /		
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
*Islets, Pancreatic: Adenoma								
Overall Incidence	Total	1/47 (2%) 1/47 (2.13%)	Mean 2.13%	SD 0%	Total	0/48 (0%) 0/48 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				nce for Selected Contr Route: ORAL Vehicle: WATER			Page: 206 Report Dat	<b>e:</b> 12/18/2020
			Male				Female	
*Islets, Pancreatic: Carcinoma		0/47 (0%)				0/48 (0%)		
Overall Incidence	Total	0/47 (0%)	Mean 0%	SD 0%	Total	0/48 (0%)	Mean 0%	SD 0%
*Islets, Pancreatic: Carcinoma or Adenoma		1/47 (2%)				0/48 (0%)		
Overall Incidence	Total	1/47 (2.13%)	Mean 2.13%	SD 0%	Total	0/48 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Adenoma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Carcinoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Carcinoma or Adenoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Hemangiosarcoma		1/50 (2%)				0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				Page: 207 Report Date: 12/18/2020					
			Male			Female			
*Kidney: Renal Tubule: Mast Cell Tumor		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
*Kidney: Renal Tubule: Renal Mesenchymal Tumor		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
*Liver: Cholangiocarcinoma Overall Incidence	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
*Liver: Hemangioma Overall Incidence	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
'Liver: Hemangiosarcoma		2/50 (4%)				0/50 (0%)			
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
*Liver: Hepatoblastoma		4/50 (8%)				0/50 (0%)			
Overall Incidence	Total	4/50 (8%)	Mean 8%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Contr Route: ORAL Vehicle: WATER	rol Animal Groups		Page: 208 Report Dat	<b>e:</b> 12/18/2020
			Male	Female				
*Liver: Hepatocellular Adenoma		26/50 (52%)				11/50 (22%)		
Overall Incidence	Total	26/50 (52%)	Mean 52%	SD 0%	Total	11/50 (22%)	Mean 22%	SD 0%
*Liver: Hepatocellular Carcinoma		15/50 (30%)				2/50 (4%)		
Overall Incidence	Total	15/50 (30%)	Mean 30%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%
*Liver: Hepatocellular Carcinoma o	r Hepatobla	<b>astoma</b> 17/50 (34%)				2/50 (4%)		
Overall Incidence	Total	17/50 (34%)	Mean 34%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%
*Liver: Hepatocellular Carcinoma o	r Hepatoce	llular Adenoma 33/50 (66%)				13/50 (26%)		
Overall Incidence	Total	33/50 (66%)	Mean 66%	SD 0%	Total	13/50 (26%)	Mean 26%	SD 0%
*Liver: Hepatocellular Carcinoma, H	lepatocellu					13/50 (26%)		
Overall Incidence	Total	34/50 (68%)	Mean 68%	SD 0%	Total	13/50 (26%)	Mean 26%	SD 0%
*Liver: Hepatocholangiocarcinoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*: Denominator is number of animals								

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicc Tumor Incide	Page: 209 Report Date: 12/18/2020				
			Male				Female	
*Liver: Ito Cell Tumor Benign		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
'Liver: Mast Cell Tumor		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
Lung: Alveolar/Bronchiolar Ac		5/50 (10%)				2/50 (4%)		
Overall Incidence	Total	5/50 (10%)	Mean 10%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%
Lung: Alveolar/Bronchiolar Ca						0/50 (49()		
Overall Incidence	Total	2/50 (4%) 2/50 (4%)	Mean 4%	SD 0%	Total	2/50 (4%) 2/50 (4%)	Mean 4%	SD 0%
Lung: Alveolar/Bronchiolar Ca	arcinoma or Alve	eolar/Bronchiolar Adenor 7/50 (14%)	ma			4/50 (8%)		
Overall Incidence	Total	7/50 (14%)	Mean 14%	SD 0%	Total	4/50 (8%)	Mean 8%	SD 0%
[•] Lung: Hemangiosarcoma								
		0/50 (0%)				0/50 (0%)		

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Page: 210 Report Date: 12/18/2020					
			Male				Female	
*Lung: Mast Cell Tumor		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Lymph Node: Hemangiosarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Lymph Node: Mast Cell Tumor		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Lymph Node, Mandibular: Mast Cell Tumor		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Lymph Node, Mandibular: Mast Cell Tumor Malignant		1/50 (2%)				0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Lymph Node, Mesenteric: Hemangioma								
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ORAL Vehicle: WATER						Page: 211 Report Date: 12/18/2020		
			Male		Female				
#Lymph Node, Mesenteric: Hemangiosarcoma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
#Lymph Node, Mesenteric: Mast Cell Tumor									
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
#Lymph Node, Mesenteric: Mast Cell Tumor Malignant Overall Incidence	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
Mammary Gland: Adenoma		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
#Mammary Gland: Carcinoma		0/50 (0%)				1/50 (2%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%	
#Mammary Gland: Carcinoma or Adenoma		0/50 (0%)				1/50 (2%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			<b>Toxic</b> Tumor Incide		Page: 212 Report Date: 12/18/2020			
			Male				Female	
#Mammary Gland: Fibroma, Fibroadenoma or .	Adenoma	0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Mammary Gland: Fibroma, Fibroadenoma, Ca		Adenoma 0/50 (0%)				1/50 (2%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%
#Mesentery: Hemangioma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Mesentery: Hemangiosarcoma		1/50 (2%)	<b>N N</b>			0/50 (0%)		22
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Mesentery: Lipoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Mesentery: Sarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%

ength of Study: CHRONIC			Tumor Incide		Page: 213 Report Date: 12/18/2020			
			Male				Female	
Nose: Adenoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
Nose: Carcinoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
Nose: Polyp		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
Oral Cavity (Oral Mucosa, T Papilloma Squamous or Pa						4/50 (00()		
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%
Oral Cavity (Oral Mucosa, T Squamous Cell Carcinoma	ongue, Phary							
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
Oral Cavity (Oral Mucosa, T Squamous Cell Carcinoma	ongue, Phary	rnx, Tooth, Gingiva): iquamous, or Papilloma						
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC		Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ORAL Vehicle: WATER						Page: 214 Report Date: 12/18/2020		
			Male		Female					
#Oral Mucosa: Squamous Cell Carcinoma		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
*Ovary: Cystadenocarcinoma						0/49 (0%)				
Overall Incidence					Total	0/49 (0%)	Mean 0%	SD 0%		
*Ovary: Cystadenoma						3/49 (6%)				
Overall Incidence					Total	3/49 (6.12%)	Mean 6.12%	SD 0%		
*Ovary: Granulosa Cell Tumor Benig	gn					0/49 (0%)				
Overall Incidence					Total	0/49 (0%)	Mean 0%	SD 0%		
*Ovary: Granulosa Cell Tumor Malig	jnant					0/40 (0%)				
Overall Incidence					Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%		
*Ovary: Granulosa Cell Tumor: Ben										
Overall Incidence					Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%		
*: Denominator is number of animals	with tissues e	xamined microscopically								

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management Tumor Incidence for Selected Control Route: ORAL Vehicle: WATER	Page: 215 Report Date: 12/18/2020			
	Male			Female	
*Ovary: Granulosa-Theca Tumor Malignant			0/49 (0%)		
Overall Incidence		Total	0/49 (0%)	Mean 0%	SD 0%
*Ovary: Hemangioma			0/40 (0%)		
Overall Incidence		Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%
*Ovary: Hemangiosarcoma Overall Incidence		Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%
Ovary: Luteoma			1/49 (2%)		
Overall Incidence		Total	1/49 (2.04%)	Mean 2.04%	SD 0%
*Ovary: Sarcoma			0/49 (0%)		
Overall Incidence		Total	0/49 (0%)	Mean 0%	SD 0%
*Ovary: Thecoma Malignant			0/49 (0%)		
Overall Incidence *: Denominator is number of animals with tissues examined mic #: Denominator is number of animals necropsied	roscopically	Total	0/49 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ORAL Vehicle: WATER						Page: 216 Report Date: 12/18/2020	
		Male				Female		
*Ovary: Tubulostromal Adenoma								
Overall Incidence					Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%
*Pancreas: Mast Cell Tumor								
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
*Parathyroid Gland: Adenoma								
Overall Incidence	Total	0/44 (0%) 0/44 (0%)	Mean 0%	SD 0%	Total	0/45 (0%) 0/45 (0%)	Mean 0%	SD 0%
*Parathyroid Gland: Carcinoma								
Overall Incidence	Total	0/44 (0%)	Mean 0%	SD 0%	Total	0/45 (0%) 0/45 (0%)	Mean 0%	SD 0%
*Pituitary Gland: Pars Distalis Adenoma								
Overall Incidence	Total	0/48 (0%) 0/48 (0%)	Mean 0%	SD 0%	Total	2/50 (4%) 2/50 (4%)	Mean 4%	SD 0%
*Pituitary Gland: Pars Distalis Carcinoma		fied Site:						
Overall Incidence	Total	0/48 (0%) 0/48 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Contr Route: ORAL Vehicle: WATER			Page: 217         Report Date: 12/18/2020         Female         Mean 4%       SD 0%         Mean 0%       SD 0%			
			Male				Female         Mean 4%       SD 0%         Mean 0%       SD 0%			
*Pituitary Gland: Pars Distalis Carcinoma or Adenoma	or Unspecif									
Overall Incidence	Total	0/48 (0%) 0/48 (0%)	Mean 0%	SD 0%	Total	2/50 (4%) 2/50 (4%)	Mean 4%	SD 0%		
*Pituitary Gland: Pars Interme Adenoma										
Overall Incidence	Total	0/48 (0%) 0/48 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
*Pituitary Gland: Pars Interme Carcinoma										
Overall Incidence	Total	0/48 (0%) 0/48 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
Pituitary Gland: Pars Interme Carcinoma or Adenoma						0/50 (0%)				
Overall Incidence	Total	0/48 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
Pituitary Gland: Pars Interme Schwannoma Malignant										
Overall Incidence	Total	0/48 (0%) 0/48 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
Prostate: Hemangiosarcoma		0/50 (0%)								
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%						

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				blogy Data Manageme ence for Selected Contr Route: ORAL Vehicle: WATER	-		Page: 218 Report Date: 12/18/2020 Female				
			Male		L ER Female Total 0/50 (0%) Total 0/50 (0%) Mean 0% SD 0% 0/50 (0%) Mean 0% SD 0% 0/50 (0%) Mean 0% SD 0% 0/50 (0%) Mean 0% SD 0% 0/50 (0%) SD 0%						
*Prostate: Mast Cell Tumor		0/50 (0%)									
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%							
*Salivary Glands: Adenoma		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	( )	Mean 0%	SD 0%			
*Salivary Glands: Carcinoma		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
*Salivary Glands: Carcinoma or Adenoma		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	( )	Mean 0%	SD 0%			
*Salivary Glands: Hemangiosarcoma		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	. ,	Mean 0%	SD 0%			
*Salivary Glands: Mast Cell Tumor		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Contr Route: ORAL Vehicle: WATER	-		Page: 219 Report Date: 12/1				
	Male				AL TER 0/50 (0%) Total 0/50 (0%) Mean 0% SI 0/50 (0%) Total 0/50 (0%) Mean 0% SI 0/50 (0%)						
*Salivary Glands: Myxosarcoma		0/50 (0%)				. ,					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Iotal	0/50 (0%)	Mean 0%	SD 0%			
#Seminal Vesicle: Adenoma		0/50 (0%)									
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%							
#Seminal Vesicle: Fibroma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%							
#Skeletal Muscle: Hemangiosarcoma		1/50 (2%)				0/50 (0%)					
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
#Skeletal Muscle: Osteosarcoma		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
#Skeletal Muscle: Rhabdomyosarcoma		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ORAL Vehicle: WATER		Page: 220 Report Date: 12/18/202					Page: 220 Report Date: 12/18/2020		
			Male				Female					
#Skeletal Muscle: Rhabdomyosarcoma or Rh	abdomyoma	0/50 (0%)				0/50 (0%)						
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%				
#Skeletal Muscle: Sarcoma		0/50 (0%)				1/50 (2%)						
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%				
#Skin: Basal Cell Adenoma		0/50 (0%)				0/50 (0%)						
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%				
#Skin: Basal Cell Adenoma or Bas	sosquamous					0/50 (0%)						
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%				
#Skin: Basal Cell Adenoma, Baso						0/50 (0%)						
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%				
#Skin: Basal Cell Carcinoma		0/50 (0%)				0/50 (0%)						
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%				

Version: Dec2020 Contract/Lab: All Laborat Species: MICE Strain: B6C3F1/N Length of Study: CHRON				ology Data Manageme ence for Selected Contr Route: ORAL Vehicle: WATER	-		Page: 221         Report Date: 12/18/2020         Female         Mean 0%       SD 0%         Mean 0%       SD 0%		
			Male				Report Date: 12/18/2020         Female         Mean 0%       SD 0%         Mean 0%       SD 0%		
/Skin: Basal Cell Carcinoma	or Basosquamou	s Tumor (malignant or N 0/50 (0%)	OS)			0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)			
Skin:	Basal Cell Adeno	oma, Basosquamous Tur 0/50 (0%)				0/50 (0%)			
verall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
Adenoma, Papilloma, Soverall Incidence	Sq Papilloma, Ker	a, Basosq. Tumor (M or E ratoacanthoma, Trichoep 0/50 (0%) 0/50 (0%)	i <b>thelioma</b> Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
Skin: Fibroma		0/50 (0%)				0/50 (0%)			
verall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
Skin:		oma, Myxosarcoma, Mali		ocytoma, or					
verall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%	
Skin:		oma, Myxosarcoma, or M 0/50 (0%)							
Verall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%	
*: Denominator is number of a #: Denominator is number of a	nimals with tissues ex					( )			

Version: Dec2020 Contract/Lab: All Laboratorio Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxice Tumor Incide	Page: 222 Report Date: 12/18/2020 Female					
			Male	······································	Female           0/50 (0%)         Mean 0%         SD 0%           Total         0/50 (0%)         Mean 2%         SD 0%           1/50 (2%)         Mean 2%         SD 0%           Total         1/50 (2%)         Mean 2%         SD 0%           Total         0/50 (0%)         Mean 0%         SD 0%           Total         0/50 (0%)         Mean 0%         SD 0%           Total         0/50 (0%)         Mean 0%         SD 0%				
#Skin: Fibrosarcoma		0/50 (0%)				· · ·			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
#Skin: Fibrosarcoma, Sarcoma,	Myxosarcoma,	, or Malignant Fibrous Hi 0/50 (0%)	stiocytoma			1/50 (2%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%		. ,			
#Skin: Fibrous Histiocytoma Ma Overall Incidence		0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		0/50 (0%)			
≮Skin: Hemangioma ⊃verall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	· · ·	Mean 0%	SD 0%	
∕Skin: Hemangiosarcoma		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
#Skin: Keratoacanthoma		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Contr Route: ORAL Vehicle: WATER	Page: 223 Report Date: 12/18/2020 Female				
			Male				Report Date: 12/18/2020         Female          Mean 0%       SD 0%         Mean 2%       SD 0%         Mean 2%       SD 0%         Mean 0%       SD 0%         Mean 0%       SD 0%         Mean 0%       SD 0%		
#Skin: Lipoma		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
#Skin: Liposarcoma		0/50 (0%)				1/50 (2%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)			
#Skin: Malignant Fibrous Histiocy	rtoma	0/50 (0%)				1/50 (2%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%	
#Skin: Melanoma Benign		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
#Skin: Neurofibrosarcoma or Schv	wannoma (m	nalignant or NOS) 0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
#Skin: Neurofibrosarcoma, Neurof		Schwannoma (benign, ma 0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
*: Denominator is number of animals #: Denominator is number of animal									

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ORAL Vehicle: WATER				Page: 224 Report Date: 12/18/2020 Female					-		
			Male											
#Skin: Osteosarcoma		0/50 (0%)				0/50 (0%)								
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)								
≇Skin: Pilomatrixoma		0/50 (0%)				0/50 (0%)								
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%						
≇Skin: Sarcoma		0/50 (0%)				0/50 (0%)								
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%						
≮Skin: Schwannoma Malignant Dverall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%						
≭Skin: Squamous Cell Carcinoma, or Carcinoma		-		nt or NOS),										
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)								
≮Skin: Squamous Cell Papilloma		0/50 (0%)				0/50 (0%)								
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%						

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	3		Toxicc Tumor Incide	Page: 225         Report Date: 12/18/2020         Female         Mean 0%       SD 0%         Mean 0%       SD 0%				
			Male				Female           %)         Mean 0%         SD 0%           %)         Mean 0%         SD 0%	
#Skin: Squamous Cell Papilloma		0/50 (0%)	Maga 00/	SD 0%	Tetel	0/50 (0%)	Maga 00/	CD 00/
Overall Incidence	Total	0/50 (0%)	Mean 0%		Total	0/50 (0%)	Mean 0%	50 0%
#Skin: Squamous Cell Papilloma,	Papilloma, S	Squamous Cell Carcinom 0/50 (0%)	a or Keratoacanthon	na		0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Skin: Squamous Cell Papilloma, Overall Incidence			Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Spinal Cord: Astrocytoma Malignant	Total	0/50 (0%)		CD 00/	Tatal	0/50 (0%)	Magn 00/	CD 00/
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
HCulmal Canal						0/50 (0%)		
Schwannoma Malignant		1/50 (2%)				0/30 (0/0)		
Schwannoma Malignant Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)		
Overall Incidence		1/50 (2%)				0/50 (0%)		

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Contr Route: ORAL Vehicle: WATER	Page: 226         Report Date: 12/18/2020         Female         Mean 0%       SD 0%			
			Male			Female           0/50 (0%)         Mean 0%         SD 0%           0/50 (0%)         Mean 0%         SD 0%           0/50 (0%)         Mean 0%         SD 0%           1/50 (2%)         Mean 2%         SD 0%           1/50 (2%)         Mean 2%         SD 0%		
#Stomach, Forestomach: Mast Cell Tumor Malignant		1/50 (2%)				( )		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Stomach, Forestomach: Squamous Cell Carcinoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	. ,	Mean 0%	SD 0%
#Stomach, Forestomach: Squamous Cell Carcinoma c Overall Incidence	o <b>r Papillom</b> a Total	a Squamous 0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	( )	Mean 2%	SD 0%
Stomach, Forestomach: Squamous Cell Papilloma		0/50 (0%)				1/50 (2%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	( )	Mean 2%	SD 0%
έStomach, Glandular: Adenoma		0/50 (0%)						
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Stomach, Glandular: Carcinoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Contr Route: ORAL Vehicle: WATER			Page: 227 Report Date: 12/18/2020 Female				
			Male				Female           0         (0%)           (0%)         Mean 0%         SD 0%           9         (0%)           (0%)         Mean 0%         SD 0%				
#Stomach, Glandular: Carcinoma or Adenoma Overall Incidence	T-4-1	0/50 (0%)	Maga 09/	CD 004	Tatal	. ,	Maar 00(	CD 0%			
	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
*Testis: Adenoma		0/50 (0%)									
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%							
*Testis: Hemangioma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%							
*Thymus: Thymoma Benign Overall Incidence	Total	0/45 (0%) 0/45 (0%)	Mean 0%	SD 0%	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%			
*Thymus: Thymoma NOS		0/45 (0%)				,					
Overall Incidence	Total	0/45 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)					
*Thymus: Thymoma: Benign, Maligna		0/45 (0%)				0/49 (0%)					
Overall Incidence	Total	0/45 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%			

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				ology Data Manageme ence for Selected Contr Route: ORAL Vehicle: WATER			Page: 228 Report Date: 12/18/2020 Female Mean 0% SD 0%				
			Male				Female         0/49 (0%)       Mean 0%       SD 0%         1/49 (2%)       9 (2.04%)       Mean 2.04%       SD 0%         0/49 (0%)       Mean 2.04%       SD 0%				
*Thyroid Gland: C-Cell: Adenoma		0/50 (0%)				0/49 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%			
*Thyroid Gland: C-Cell: Carcinoma		0/50 (0%)				0/40 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%			
*Thyroid Gland: C-Cell: Carcinoma or Adenoma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%			
*Thyroid Gland: Follicular Cell: Adenoma		0/50 (0%)									
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/49 (2.04%)	Mean 2.04%	SD 0%			
*Thyroid Gland: Follicular Cell: Carcinoma		0/50 (0%)									
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%			
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma		0/50 (0%)				1/49 (2%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/49 (2.04%)	Mean 2.04%	SD 0%			

Version: Dec2020 Contract/Lab: All Laboratorie: Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	S		Toxic Tumor Incide		Page: 229 Report Date: 12/18/2020			
			Male				Female	
#Tongue: Squamous Cell Carcinoma Overall Incidence	a or Papilloma Total	<b>i Squamous</b> 0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%
	TUtai	0/30 (078)		30 0%	TOLAI	1/30 (276)		30 0%
#Tongue: Squamous Cell Papilloma		0/50 (0%)				1/50 (2%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%
#Tooth: Odontoma Overall Incidence	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
		1/30 (2%)		30 0%	TOLAI	0/30 (0%)		30 0%
*Urinary Bladder: Hemangiosarcoma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
*Urinary Bladder: Mast Cell Tumor		. ,				0,00 (0,0)		
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Uterus: Adenocarcinoma or Adeno								
Overall Incidence					Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Group Route: ORAL Vehicle: WATER	os	Page: 230 Report Da	<b>te:</b> 12/18/2020
	Male		Female	
#Uterus:				
Adenoma		0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%
#Uterus:				
Adenoma, Adenocarcinoma, Sq Cell Carcinoma, or	⁻ Sq Cell Papilloma			
		0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%
#Uterus:				
Fibroma				
		0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%
#Uterus:				
Granular Cell Tumor Benign				
		0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%
#Uterus:				
Hemangioma				
		0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%
ŧUterus:				
Hemangiosarcoma				
		1/50 (2%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%
: Denominator is number of animals with tissues examined micro	oscopically			

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N	Toxicology Data Managemen Tumor Incidence for Selected Contro Route: ORAL Vehicle: WATER	Page: 231 Report Dat	ə: 12/18/2020		
Length of Study: CHRONIC					
	Male			Female	
#Uterus: Leiomyoma			0/50 (0%)		
Overall Incidence		Total	0/50 (0%)	Mean 0%	SD 0%
#Uterus: Polyp Stromal			0/50 (0%)		
Overall Incidence		Total	0/50 (0%)	Mean 0%	SD 0%
#Uterus: Sarcoma					
Overall Incidence		Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Uterus: Sarcoma Stromal			0/50 (09/)		
Overall Incidence		Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Uterus: Sarcoma Stromal or Polyp Stromal					
Overall Incidence		Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Vagina:					
Hemangioma			0/50 (0%)		
Overall Incidence		Total	0/50 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxico Tumor Incide		Page: 232 Report Date: 12/18/2020			
			Male				Female	
#Zymbal's Gland: Carcinoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Zymbal's Gland: Carcinoma or Adenoma								
		0/50 (0%)				0/50 (0%)		

## Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC

## Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: Whole Body Exposure 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		
I. I. T. Research Institute	052010578	06/18/12	729	90(1)	66(687)	51.5	Radiofrequency Radiation
					Female		
I. I. T. Research Institute	052010578	06/18/12	739	90(1)	67(704)	62.6	Radiofrequency Radiation

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Page: 234 Report Date	<b>::</b> 12/18/2020				
			Male		Female			
#All Organs: Benign Tumors		61/90 (68%)				36/90 (40%)		
Overall Incidence	Total	61/90 (67.78%)	Mean 67.78%	SD 0%	Total	36/90 (40%)	Mean 40%	SD 0%
#All Organs: Malignant Tumors		49/90 (54%)				33/90 (37%)		
Overall Incidence	Total	49/90 (54.44%)	Mean 54.44%	SD 0%	Total	33/90 (36.67%)	Mean 36.67%	SD 0%
#All Organs: Malignant and Benign Tumo Overall Incidence	r <b>s</b> Total	79/90 (88%) 79/90 (87.78%)	Mean 87.78%	SD 0%	Total	59/90 (66%) 59/90 (65.56%)	Mean 65.56%	SD 0%
#All Organs: Hemangioma Overall Incidence	Total	1/90 (1%) 1/90 (1.11%)	Mean 1.11%	SD 0%	Total	4/90 (4%) 4/90 (4.44%)	Mean 4.44%	SD 0%
#All Organs: Hemangiosarcoma		2/90 (2%)				2/90 (2%)		
Overall Incidence	Total	2/90 (2.22%)	Mean 2.22%	SD 0%	Total	2/90 (2.22%)	Mean 2.22%	SD 0%
#All Organs: Hemangiosarcoma or Hema								
Overall Incidence	Total	3/90 (3%) 3/90 (3.33%)	Mean 3.33%	SD 0%	Total	6/90 (7%) 6/90 (6.67%)	Mean 6.67%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Page: 235 Report Date	e: 12/18/2020				
			Male				Female	
#All Organs: Histiocytic Sarcoma								
Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	8/90 (9%) 8/90 (8.89%)	Mean 8.89%	SD 0%
#All Organs: Leukemia: Lymphocytic, Mo	nocytic, M		entiated			0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
#All Organs: Malignant Lymphoma: Histic Overall Incidence	Total	6/90 (7%) 6/90 (6.67%)	Mean 6.67%	SD 0%	Total	2/90 (2%) 2/90 (2.22%)	Mean 2.22%	SD 0%
#All Organs: Malignant Schwannoma		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
#All Organs: Osteosarcoma		0/90 (0%)				3/90 (3%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	3/90 (3.33%)	Mean 3.33%	SD 0%
	•••••							
#All Organs: Osteosarcoma or Osteoma		0/90 (0%)				3/90 (3%)		

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC		Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: Whole Body Exposure Vehicle: AIR						e: 12/18/2020
			Male				Female	
*Adrenal Cortex: Adenoma		0/90 (0%)				1/84 (1%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	1/84 (1.19%)	Mean 1.19%	SD 0%
*Adrenal Medulla: Pheochromocytoma Benigr	1	0/90 (0%)				0/83 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/83 (0%)	Mean 0%	SD 0%
*Adrenal Medulla: Pheochromocytoma Malign Overall Incidence		0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	2/83 (2%) 2/83 (2.41%)	Mean 2.41%	SD 0%
*Adrenal Medulla: Pheochromocytoma: Benig		0/90 (0%)				2/83 (2%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	2/83 (2.41%)	Mean 2.41%	SD 0%
#Blood Vessel: Hemangioma		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
#Blood Vessel: Hemangiosarcoma		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Tumor Incide	blogy Data Manageme ence for Selected Contr coute: Whole Body Exp Vehicle: AIR		Page: 237 Report Date	<b>e: 1</b> 2/18/2020	
			Male				Female	
*Bone Marrow: Hemangiosarcoma		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
*Bone Marrow: Mast Cell Tumor Malignant		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
'Bone Marrow: Sarcoma		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
∕Bone: Fibroma		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
≇Bone: Hemangioma		0/90 (0%)				1/90 (1%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	1/90 (1.11%)	Mean 1.11%	SD 0%
≇Bone: Hemangiosarcoma		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	5	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: Whole Body Exposure Vehicle: AIR						Page: 238 Report Date: 12/18/2020		
			Male				Female			
#Bone: Osteosarcoma		0/90 (0%)				1/90 (1%)				
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	1/90 (1.11%)	Mean 1.11%	SD 0%		
#Bone: Osteosarcoma or Osteoma		0/90 (0%)				1/90 (1%)				
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	1/90 (1.11%)	Mean 1.11%	SD 0%		
#Bone: Sarcoma Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%		
	10lai	0/90 (0%)			TOLAI	( )		30 0%		
*Brain: Meningioma Malignant Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/87 (0%) 0/87 (0%)	Mean 0%	SD 0%		
*Brain: Meningioma: Benign, Malig	gnant, NOS									
Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/87 (0%) 0/87 (0%)	Mean 0%	SD 0%		
*Clitoral/Preputial Gland: Mast Cell Tumor										
Overall Incidence	Total	1/89 (1%) 1/89 (1.12%)	Mean 1.12%	SD 0%	Total	0/82 (0%) 0/82 (0%)	Mean 0%	SD 0%		

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Page: 239 Report Date: 12/18/2020					
			Male				Female	
#Coagulating Gland: Granular Cell Tumor		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
#Coagulating Gland: Sarcoma		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
*Epididymis: Mast Cell Tumor Overall Incidence	Total	1/90 (1%) 1/90 (1.11%)	Mean 1.11%	SD 0%				
#Harderian Gland: Adenoma		6/90 (7%)				4/90 (4%)		
Overall Incidence	Total	6/90 (6.67%)	Mean 6.67%	SD 0%	Total	4/90 (4.44%)	Mean 4.44%	SD 0%
#Harderian Gland: Carcinoma		3/90 (3%)				0/90 (0%)		
Overall Incidence	Total	3/90 (3.33%)	Mean 3.33%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
#Harderian Gland: Carcinoma or Adenoma		9/90 (10%)				4/90 (4%)		
Overall Incidence	Total	9/90 (10%)	Mean 10%	SD 0%	Total	4/90 (4.44%)	Mean 4.44%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: Whole Body Exposure Vehicle: AIR						Page: 240 Report Dat	te: 12/18/2020
			Male		Female			
#Harderian Gland: Mast Cell Tumor		1/90 (1%)				0/90 (0%)		
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
*Heart: Hemangiosarcoma		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
#Intestine Large: Cecum: Leiomyosarcoma		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
#Intestine Small: Duodenum: Adenoma		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
#Intestine Small: Duodenum: Carcinoma		1/90 (1%)				0/90 (0%)		
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
#Intestine Small: Duodenum: Polyp Adenomatous		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: Whole Body Exposure Vehicle: AIR						Page: 241 Report Date: 12/18/2020		
			Male		Female				
#Intestine Small: Ileum: Adenoma Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Magn 00/	SD 0%	
		0/90 (0%)	Wear 0%	SD 0%	TOLA	0/90 (0%)	Mean 0%	50 0%	
#Intestine Small: Jejunum: Adenoma		0/90 (0%)				0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%	
#Intestine Small: Jejunum: Carcinoma		2/90 (2%)				0/90 (0%)			
Overall Incidence	Total	2/90 (2.22%)	Mean 2.22%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%	
#Intestine Small: Jejunum: Leiomyosarcoma						o/ <b>oo</b> (oo/)			
Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	
#Intestine Small: Jejunum: Mast Cell Tumor									
Overall Incidence	Total	1/90 (1%) 1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	
#Intestine Small: Site Unspeci Adenoma									
Overall Incidence	Total	0/90 (0%)	Maan Old	SD 0%	Totol	0/90 (0%) 0/90 (0%)	Maan Ol	SD 0%	
	Total	0/90 (0%)	Mean 0%		Total	( )	Mean 0%	SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicol Tumor Incider Ro		Page: 242 Report Date: 12/18/2020			
			Male		Female			
#Intestine Small: Site Unspeci Carcinoma	ified:							
Overall Incidence	Total	3/90 (3%) 3/90 (3.33%)	Mean 3.33%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Unspeci Carcinoma or Adenoma								
Overall Incidence	Total	3/90 (3%) 3/90 (3.33%)	Mean 3.33%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Unspeci Leiomyosarcoma								
Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Unspeci Mast Cell Tumor								
Overall Incidence	Total	1/90 (1%) 1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Unspeci Polyp Adenomatous								
Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%
*Islets, Pancreatic: Adenoma		0/88 (0%)				0/87 (0%)		
Overall Incidence	Total	0/88 (0%)	Mean 0%	SD 0%	Total	0/87 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Tumor Incide	ology Data Manageme ence for Selected Contr Route: Whole Body Exp Vehicle: AIR	ol Animal Groups		Page: 243 Report Date	e: 12/18/2020
			Male				Female	
*Islets, Pancreatic: Carcinoma		0/88 (0%)				1/87 (1%)		
Overall Incidence	Total	0/88 (0%)	Mean 0%	SD 0%	Total	1/87 (1.15%)	Mean 1.15%	SD 0%
*Islets, Pancreatic: Carcinoma or Adenoma		0/88 (0%)				1/87 (1%)		
Overall Incidence	Total	0/88 (0%)	Mean 0%	SD 0%	Total	1/87 (1.15%)	Mean 1.15%	SD 0%
*Kidney: Renal Tubule: Adenoma Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	2/89 (2%) 2/89 (2.25%)	Mean 2.25%	SD 0%
					, otal	2,00 (2.20,0)		
*Kidney: Renal Tubule: Carcinoma		0/90 (0%)				0/89 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/89 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Carcinoma or Adenoma		0/90 (0%)				2/89 (2%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	2/89 (2.25%)	Mean 2.25%	SD 0%
*Kidney: Renal Tubule: Hemangiosarcoma		0/90 (0%)				0/89 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/89 (0%)	Mean 0%	SD 0%
-		0/90 (0%)				0/89 (0%)		

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Page: 244 Report Date: 12/18/2020					
			Male			Female		
*Kidney: Renal Tubule: Mast Cell Tumor Overall Incidence	Total	1/90 (1%) 1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/89 (0%) 0/89 (0%)	Mean 0%	SD 0%
	10tai	1/90 (1.11%)		30 0%	TOLAI	0/89 (0%)		30 0%
*Kidney: Renal Tubule: Renal Mesenchymal Tumor Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	1/89 (1%) 1/89 (1.12%)	Mean 1.12%	SD 0%
*Liver: Cholangiocarcinoma Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/89 (0%) 0/89 (0%)	Mean 0%	SD 0%
'Liver: Hemangioma Dverall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/89 (0%) 0/89 (0%)	Mean 0%	SD 0%
'Liver: Hemangiosarcoma		1/90 (1%)				0/89 (0%)		
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/89 (0%)	Mean 0%	SD 0%
*Liver: Hepatoblastoma		6/90 (7%)				1/89 (1%)		
Overall Incidence	Total	6/90 (6.67%)	Mean 6.67%	SD 0%	Total	1/89 (1.12%)	Mean 1.12%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Page: 245 Report Date: 12/18/2020					
			Male				Female	
*Liver: Hepatocellular Adenoma		52/90 (58%)				19/89 (21%)		
Overall Incidence	Total	52/90 (57.78%)	Mean 57.78%	SD 0%	Total	19/89 (21.35%)	Mean 21.35%	SD 0%
*Liver: Hepatocellular Carcinoma		28/90 (31%)				8/89 (9%)		
Overall Incidence	Total	28/90 (31.11%)	Mean 31.11%	SD 0%	Total	8/89 (8.99%)	Mean 8.99%	SD 0%
*Liver: Hepatocellular Carcinoma o Overall Incidence	<b>r Hepatobl</b> Total	astoma 32/90 (36%) 32/90 (35.56%)	Mean 35.56%	SD 0%	Total	9/89 (10%) 9/89 (10.11%)	Mean 10.11%	SD 0%
*Liver: Hepatocellular Carcinoma o						25/89 (28%)		
Overall Incidence	Total	67/90 (74.44%)	Mean 74.44%	SD 0%	Total	25/89 (28.09%)	Mean 28.09%	SD 0%
*Liver: Hepatocellular Carcinoma, H						25/89 (28%)		
Overall Incidence	Total	68/90 (75.56%)	Mean 75.56%	SD 0%	Total	25/89 (28.09%)	Mean 28.09%	SD 0%
*Liver: Hepatocholangiocarcinoma		1/90 (1%)				0/89 (0%)		
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/89 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicol Tumor Incider Ro	Page: 246 Report Date	e: 12/18/2020			
			Male			Female		
*Liver: Ito Cell Tumor Benign		0/90 (0%)				0/89 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/89 (0%)	Mean 0%	SD 0%
*Liver: Mast Cell Tumor		1/90 (1%)				0/89 (0%)		
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/89 (0%)	Mean 0%	SD 0%
*Lung: Alveolar/Bronchiolar Adenor		13/90 (14%)				3/90 (3%)		
Overall Incidence	Total	13/90 (14.44%)	Mean 14.44%	SD 0%	Total	3/90 (3.33%)	Mean 3.33%	SD 0%
*Lung: Alveolar/Bronchiolar Carcino								
Overall Incidence	Total	13/90 (14%) 13/90 (14.44%)	Mean 14.44%	SD 0%	Total	3/90 (3%) 3/90 (3.33%)	Mean 3.33%	SD 0%
*Lung: Alveolar/Bronchiolar Carcino						6/90 (7%)		
Overall Incidence	Total	23/90 (25.56%)	Mean 25.56%	SD 0%	Total	6/90 (6.67%)	Mean 6.67%	SD 0%
*Lung: Hemangiosarcoma								
Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Page: 247 Report Date: 12/18/2020					
			Male				Female	
*Lung: Mast Cell Tumor Overall Incidence	Total	1/90 (1%) 1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%
#Lymph Node: Hemangiosarcoma								
Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%
#Lymph Node: Mast Cell Tumor Overall Incidence	Total	1/90 (1%) 1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%
#Lymph Node, Mandibular: Mast Cell Tumor		1/90 (1%)		0D 0V/		0/90 (0%)	Maga 00/	CD 01/
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
#Lymph Node, Mandibular: Mast Cell Tumor Malignant		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
#Lymph Node, Mesenteric: Hemangioma		1/90 (1%)				0/90 (0%)		
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: Whole Body Exposure Vehicle: AIR						Page: 248 Report Date: 12/18/2020		
			Male			Female			
#Lymph Node, Mesenteric: Hemangiosarcoma		0/90 (0%)				0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%	
#Lymph Node, Mesenteric: Mast Cell Tumor		1/90 (1%)				0/90 (0%)			
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%	
#Lymph Node, Mesenteric: Mast Cell Tumor Malignant Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	
#Mammary Gland: Adenoma		0/90 (0%)				0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%	
#Mammary Gland: Carcinoma		0/90 (0%)				0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%	
#Mammary Gland: Carcinoma or Adenoma		0/90 (0%)				0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxico Tumor Incider Ro	Page: 249 Report Date: 12/18/2020				
			Male				Female	
#Mammary Gland: Fibroma, Fibroadenoma or	Adenoma	0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
#Mammary Gland: Fibroma, Fibroadenoma, C		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
#Mesentery: Hemangioma Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	1/90 (1%) 1/90 (1.11%)	Mean 1.11%	SD 0%
#Mesentery: Hemangiosarcoma Overall Incidence	Total	1/90 (1%) 1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%
		1/90 (1.11/6)			i Ulai	0/90 (078)		
#Mesentery: Lipoma		1/90 (1%)				0/90 (0%)		
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
#Mesentery: Sarcoma		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicc Tumor Incide R		Page: 250 Report Date: 12/18/2020			
			Male				Female	
*Nose: Adenoma		0/90 (0%)				0/89 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/89 (0%)	Mean 0%	SD 0%
*Nose: Carcinoma		0/90 (0%)				0/89 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/89 (0%)	Mean 0%	SD 0%
*Nose: Polyp		0/90 (0%)				0/89 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/89 (0%)	Mean 0%	SD 0%
#Oral Cavity (Oral Mucosa, T Papilloma Squamous or Pa	ongue, Phary	ynx, Tooth, Gingiva):						
Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%
#Oral Cavity (Oral Mucosa, T Squamous Cell Carcinoma	ongue, Phary							
Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%
#Oral Cavity (Oral Mucosa, T Squamous Cell Carcinoma	ongue, Phary	ynx, Tooth, Gingiva): Squamous, or Papilloma						
Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC				Page: 251 Report Date: 12/18/2020				
			Male		Female			
#Oral Mucosa: Squamous Cell Carcinoma		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
*Ovary: Cystadenocarcinoma						0/75 (0%)		
Overall Incidence					Total	0/75 (0%)	Mean 0%	SD 0%
*Ovary: Cystadenoma						2/75 (3%)		
Overall Incidence					Total	2/75 (2.67%)	Mean 2.67%	SD 0%
*Ovary: Granulosa Cell Tumor Beni	gn					1/75 (1%)		
Overall Incidence					Total	1/75 (1.33%)	Mean 1.33%	SD 0%
*Ovary: Granulosa Cell Tumor Malig	gnant							
Overall Incidence					Total	0/75 (0%) 0/75 (0%)	Mean 0%	SD 0%
*Ovary: Granulosa Cell Tumor: Ben								
Overall Incidence					Total	1/75 (1%) 1/75 (1.33%)	Mean 1.33%	SD 0%
*: Denominator is number of animal	s with tissues e	xamined microscopically						

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Group Route: Whole Body Exposure Vehicle: AIR	Tumor Incidence for Selected Control Animal Groups <b>Route:</b> Whole Body Exposure					
	Male		Female				
*Ovary:							
Granulosa-Theca Tumor Malignant		0/75 (0%)					
Overall Incidence	Total	0/75 (0%)	Mean 0%	SD 0%			
*Ovary:							
Hemangioma		0/7E (20/)					
Overall Incidence	Total	2/75 (3%) 2/75 (2.67%)	Mean 2.67%	SD 0%			
*Ovary:							
Hemangiosarcoma							
Overall Incidence	Total	0/75 (0%) 0/75 (0%)	Mean 0%	SD 0%			
*Ovary:							
Luteoma							
		0/75 (0%)					
Overall Incidence	Total	0/75 (0%)	Mean 0%	SD 0%			
*Ovary:							
Sarcoma							
Overall Insidence	<b>T</b> .(.)	0/75 (0%)	Maga 00/				
Overall Incidence	Total	0/75 (0%)	Mean 0%	SD 0%			
*Ovary:							
Thecoma Malignant							
	<del>-</del> · ·	1/75 (1%)	Mana 1 000/				
Overall Incidence	Total	1/75 (1.33%)	Mean 1.33%	SD 0%			
*: Denominator is number of animals with tissues examined mi	croscopically						

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Tumor Incider	logy Data Manageme nce for Selected Contr oute: Whole Body Exp Vehicle: AIR	ol Animal Groups		Page: 253         Report Date: 12/18/2020         Female         Mean 0%       SD 0%				
			Male		IR Female 0/75 (0%) Total 0/75 (0%) Mean 0% SD 0%						
*Ovary: Tubulostromal Adenoma											
Overall Incidence						0/75 (0%)					
*Pancreas: Mast Cell Tumor											
Overall Incidence	Total	1/87 (1%) 1/87 (1.15%)	Mean 1.15%	SD 0%	Total	( )	Mean 0%	SD 0%			
*Parathyroid Gland: Adenoma											
Overall Incidence	Total	0/68 (0%) 0/68 (0%)	Mean 0%	SD 0%		0/60 (0%)	Mean 0%	SD 0%			
Parathyroid Gland: Carcinoma											
Overall Incidence	Total	0/68 (0%) 0/68 (0%)	Mean 0%	SD 0%	Total	· · ·	Mean 0%	SD 0%			
Pituitary Gland: Pars Distalis Adenoma		fied Site:									
Overall Incidence	Total	0/86 (0%) 0/86 (0%)	Mean 0%	SD 0%	Total	6/80 (8%) 6/80 (7.5%)	Mean 7.5%	SD 0%			
Pituitary Gland: Pars Distalis Carcinoma		fied Site:									
Overall Incidence	Total	0/86 (0%) 0/86 (0%)	Mean 0%	SD 0%	Total	0/80 (0%) 0/80 (0%)	Mean 0%	SD 0%			

Version: Dec2020 Contract/Lab: All Laboratori Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Tumor Incide	blogy Data Manageme ence for Selected Contr coute: Whole Body Exp Vehicle: AIR	ol Animal Groups		Page: 254         Report Date: 12/18/2020         Female         Mean 7.5%       SD 0%         Mean 0%       SD 0%         Mean 0%       SD 0%			
			Male				Female			
*Pituitary Gland: Pars Dista Carcinoma or Adenoma	alis or Unspecif									
Overall Incidence	Total	0/86 (0%) 0/86 (0%)	Mean 0%	SD 0%	Total	6/80 (8%) 6/80 (7.5%)	Mean 7.5%	SD 0%		
*Pituitary Gland: Pars Inter Adenoma										
Overall Incidence	Total	0/86 (0%) 0/86 (0%)	Mean 0%	SD 0%	Total	0/80 (0%) 0/80 (0%)	Mean 0%	SD 0%		
Pituitary Gland: Pars Inter Carcinoma										
Overall Incidence	Total	0/86 (0%) 0/86 (0%)	Mean 0%	SD 0%	Total	0/80 (0%) 0/80 (0%)	Mean 0%	SD 0%		
Pituitary Gland: Pars Inter Carcinoma or Adenoma						0/00 (00()				
Overall Incidence	Total	0/86 (0%) 0/86 (0%)	Mean 0%	SD 0%	Total	0/80 (0%) 0/80 (0%)	Mean 0%	SD 0%		
Pituitary Gland: Pars Inter Schwannoma Malignant						0/80 (0%)				
Overall Incidence	Total	0/86 (0%) 0/86 (0%)	Mean 0%	SD 0%	Total	0/80 (0%) 0/80 (0%)	Mean 0%	SD 0%		
Prostate: Hemangiosarcoma										
		0/90 (0%) 0/90 (0%)								

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxico Tumor Incider Re	Page: 255 Report Dat	Page: 255 Report Date: 12/18/2020			
			Male					
*Prostate: Mast Cell Tumor Overall Incidence	Total	1/90 (1%) 1/90 (1.11%)	Mean 1.11%	SD 0%				
*Salivary Glands:								
Adenoma								
Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/89 (0%) 0/89 (0%)	Mean 0%	SD 0%
*Salivary Glands: Carcinoma								
Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/89 (0%) 0/89 (0%)	Mean 0%	SD 0%
*Salivary Glands: Carcinoma or Adenoma		0/90 (0%)				0/89 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/89 (0%)	Mean 0%	SD 0%
*Salivary Glands: Hemangiosarcoma		- ()				- / / /		
Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/89 (0%) 0/89 (0%)	Mean 0%	SD 0%
*Salivary Glands: Mast Cell Tumor		4/00 /49/\				0/00 (00/)		
Overall Incidence	Total	1/90 (1%) 1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/89 (0%) 0/89 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Tumor Incide	logy Data Manageme nce for Selected Contr oute: Whole Body Exp Vehicle: AIR	ol Animal Groups		<b>e:</b> 12/18/2020	
			Male			Female           0/89 (0%)           Total         0/89 (0%)           Mean 0%         SD 0%		
*Salivary Glands: Myxosarcoma Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	· · · ·	Mean 0%	SD 0%
		0,00 (0,0)				0/00 (0/0)		
#Seminal Vesicle: Adenoma		0/90 (0%)						
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%				
#Seminal Vesicle: Fibroma		1/90 (1%)						
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%				
#Skeletal Muscle: Hemangiosarcoma		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
#Skeletal Muscle: Osteosarcoma		0/90 (0%)				1/90 (1%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	1/90 (1.11%)	Mean 1.11%	SD 0%
#Skeletal Muscle: Rhabdomyosarcoma		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratori Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Tumor Incide	logy Data Manageme nce for Selected Contr oute: Whole Body Exp Vehicle: AIR	ol Animal Groups		Page: 257 Report Dat	<b>:e:</b> 12/18/2020	
			Male				Report Date: 12/18/2020           Female           Mean 0%         SD 0%           Mean 0%         SD 0%           Mean 0%         SD 0%           Mean 0%         SD 0%		
#Skeletal Muscle: Rhabdomyosarcoma or Rhabdomyoma 0/90 (0%) 0/90 (0%)									
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%	
#Skeletal Muscle: Sarcoma		1/90 (1%)				0/90 (0%)			
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)			
#Skin: Basal Cell Adenoma		0/90 (0%)				0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%	
#Skin: Basal Cell Adenoma or B		s Tumor Benign 0/90 (0%)				0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%	
#Skin: Basal Cell Adenoma, Bas	sosquamous T	umor Benign, or Trichoe 0/90 (0%)	epithelioma			0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)			
#Skin: Basal Cell Carcinoma		0/90 (0%)				0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%	

ersion: Dec2020 ontract/Lab: All Laborator pecies: MICE train: B6C3F1/N	ries	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: Whole Body Exposure Vehicle: AIR				Page: 258 Report Date: 12/18/2020		
ength of Study: CHRONI	С							
			Male				Female	
Skin:								
Basal Cell Carcinoma or	r Basosquamou	Is Tumor (malignant or N 0/90 (0%)	IOS)			0/90 (0%)		
verall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
Skin:								
Basal Cell Carcinoma, B	Basal Cell Adend	oma, Basosquamous Tui	mor (benign, maligna	int or				
NOS), or Trichoepithelic	oma	0/90 (0%)				0/90 (0%)		
verall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
Basal or Sq. Cell Carcin Adenoma, Papilloma, So verall Incidence	<b>q Papilloma, Ke</b> Total	a, Basosq. Tumor (M or I ratoacanthoma, Trichoeg 0/90 (0%) 0/90 (0%)	pithelioma Mean 0%	na, SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%
Skin: Fibroma								
verall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	1/90 (1%) 1/90 (1.11%)	Mean 1.11%	SD 0%
Skin: Fibroma, Fibrosarcoma, Hemangiopericytoma	, Sarcoma, Myxo	oma, Myxosarcoma, Mali	ignant Fibrous Histio	cytoma, or				
		1/90 (1%)	•• • • • • •	<b>25</b> <i>au</i> /		6/90 (7%)		<b>05</b>
verall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	6/90 (6.67%)	Mean 6.67%	SD 0%
Skin: Fibroma, Fibrosarcoma,	, Sarcoma, Myxo	oma, Myxosarcoma, or N	lalignant Fibrous His	tiocytoma				
verall Incidence	Total	1/90 (1%) 1/90 (1.11%)	Mean 1.11%	SD 0%	Total	6/90 (7%) 6/90 (6.67%)	Mean 6.67%	SD 0%
	iotai	1,00 (1.11/0)			iotal	0,00 (0.07 /0)		

Version: Dec2020 Contract/Lab: All Laboratorie Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	s		Tumor Incide		ol Animal Groups	Page: 259 Report Date	Page: 259 Report Date: 12/18/2020		
			Male		SD 0%       Total       3/90 (3%) 3/90 (3.33%)         SD 0%       Total       5/90 (6%) 5/90 (5.56%)         SD 0%       Total       0/90 (0%) 0/90 (0%)         SD 0%       Total       0/90 (0%) 0/90 (0%)         SD 0%       Total       0/90 (0%) 0/90 (0%)				
#Skin: Fibrosarcoma		0/90 (0%)	3/90 (3%)						
Overall Incidence	Total	0/90 (0%)	Mean 0%			3/90 (3.33%)	Mean 3.33%	SD 0%	
#Skin: Fibrosarcoma, Sarcoma, I									
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%			. ,	Mean 5.56%	SD 0%	
¥Skin: Fibrous Histiocytoma Mal		0/90 (0%)							
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%	
∕Skin: Hemangioma		0/90 (0%)				0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%	
#Skin: Hemangiosarcoma		1/90 (1%)				2/90 (2%)			
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	2/90 (2.22%)	Mean 2.22%	SD 0%	
#Skin: Keratoacanthoma		0/90 (0%)				0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Tumor Incider	nce for Selected Contr oute: Whole Body Exp Vehicle: AIR	ol Animal Groups		Page: 260 Report Date	Report Date: 12/18/2020           Female           Mean 1.11%         SD 0%				
			Male	Male         Female           n 1.11%         SD 0%         Total         1/90 (1%) 1/90 (1.11%)         Mean 1.11%         S           an 0%         SD 0%         Total         0/90 (0%) 0/90 (0%)         Mean 0%         S           n 1.11%         SD 0%         Total         0/90 (0%) 0/90 (0%)         Mean 0%         S								
#Skin: Lipoma		1/90 (1%)				1/00 (1%)						
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%			1/90 (1.11%)						
#Skin: Liposarcoma		0/90 (0%)										
Overall Incidence	Total	0/90 (0%)	Mean 0%			0/90 (0%)		SD 0%				
#Skin: Malignant Fibrous Histiocyto		1/90 (1%)										
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%			0/90 (0%)		SD 0%				
#Skin: Melanoma Benign		0/90 (0%)				0/90 (0%)						
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%				
#Skin: Neurofibrosarcoma or Schw						0/90 (0%)						
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%				
#Skin: Neurofibrosarcoma, Neurofi						0/90 (0%)						
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%				

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	3		Page: 261 Report Date: 12/18/2020 Female						
			Male				Female Mean 1.11% SD 0% Mean 0% SD 0%		
#Skin: Osteosarcoma		0/90 (0%)				1/90 (1%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	1/90 (1.11%)			
#Skin: Pilomatrixoma		1/90 (1%) 1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)			
Overall Incidence	Total	( )		50 0%		0/90 (0%)		50 0%	
#Skin: Sarcoma Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	2/90 (2%) 2/90 (2.22%)	Mean 2 22%	SD 0%	
		. ,				. ,			
#Skin: Schwannoma Malignant		0/90 (0%)				0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)			
#Skin: Squamous Cell Carcinoma or Carcinoma	a, Basal Cell (	-	us Tumor (malignant	t or NOS),					
Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%) 0/90 (0%)			
#Skin: Squamous Cell Papilloma		0/90 (0%)				0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%	

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Tumor Incide	ology Data Manageme ence for Selected Contr Route: Whole Body Exp Vehicle: AIR	ol Animal Groups		Page: 262 Report Date: 12/18/2020				
			Male				Female				
#Skin: Squamous Cell Papilloma o Overall Incidence	o <b>r Papilloma</b> Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%			
#Skin:		·····				·····					
Squamous Cell Papilloma,	Papilloma, S	quamous Cell Carcinoma 0/90 (0%)	or Keratoacanthor	na		0/90 (0%)					
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%			
#Skin: Squamous Cell Papilloma, Overall Incidence			Mean 0%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%			
#Spinal Cord: Astrocytoma Malignant		0/90 (0%)				0/90 (0%)					
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%			
#Spinal Cord: Schwannoma Malignant		0/90 (0%)				0/90 (0%)					
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%			
*Spleen: Hemangiosarcoma		0/87 (0%)				0/86 (0%)					
Overall Incidence	Total	0/87 (0%)	Mean 0%	SD 0%	Total	0/86 (0%)	Mean 0%	SD 0%			

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: Whole Body Exposure Vehicle: AIR				Page: 263 Report Date: 12/18/2020 Female					-		
			Male         0/90 (0%)           Mean 0%         SD 0%         Total         0/90 (0%)         Mean           Mean 0%         SD 0%         Total         1/90 (1%)         Mean           Mean 0%         SD 0%         Total         1/90 (1.11%)         Mean           Mean 0%         SD 0%         Total         1/90 (1.11%)         Mean				Female							
#Stomach, Forestomach: Mast Cell Tumor Malignant Overall Incidence	0/90 (0%) 0/90					( )								
	10(a)	0/90 (0/8)				0/30 (078)		SD 0%						
#Stomach, Forestomach: Squamous Cell Carcinoma		0/90 (0%)				0/90 (0%)								
Overall Incidence	Total	0/90 (0%)		SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%						
#Stomach, Forestomach: Squamous Cell Carcinoma c Overall Incidence				SD 0%	Total	( )	Mean 1.11%	SD 0%						
		( )												
#Stomach, Forestomach: Squamous Cell Papilloma		0/90 (0%)				1/90 (1%)								
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	1/90 (1.11%)	Mean 1.11%	SD 0%						
#Stomach, Glandular: Adenoma		0/90 (0%)				0/90 (0%)								
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%						
#Stomach, Glandular: Carcinoma		0/90 (0%)				0/90 (0%)								
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%						

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC			Tumor Incide		ol Animal Groups		Page: 264 Report Date: 12/18/2020				
			Male         Female           0         0%         Mean 0%         SD 0%         Total         0/90 (0%)         Mean 0%           0         0%         Mean 0%         SD 0%         Total         0/90 (0%)         Mean 0%           0         0%         Mean 0%         SD 0%         Total         0/90 (0%)         Mean 0%           0         0%         Mean 0%         SD 0%         Mean 0%         Mean 0%           0         0%         Mean 0%         SD 0%         Mean 0%         Mean 0%           5         0%         Mean 0%         SD 0%         Mean 0%         Mean 0%								
#Stomach, Glandular: Carcinoma or Adenoma		0/90 (0%)		0/90 (0%)							
Overall Incidence	Total	0/90 (0%)				· · ·	Mean 0%	SD 0%			
*Testis: Adenoma											
Overall Incidence	Total	2/90 (2.22%)									
*Testis: Hemangioma		0/90 (0%)									
Overall Incidence	Total	0/90 (0%)		SD 0%							
*Thymus: Thymoma Benign Overall Incidence	Total	0/75 (0%) 0/75 (0%)	Mean 0%	SD 0%	Total	· · ·	Mean 0%	SD 0%			
*Thymus: Thymoma NOS											
Overall Incidence	Total	0/75 (0%)	Mean 0%	SD 0%	Total	0/85 (0%)	Mean 0%	SD 0%			
*Thymus: Thymoma: Benign, Maligna		0/75 (0%)				0/85 (0%)					
Overall Incidence	Total	0/75 (0%)	Mean 0%	SD 0%	Total	0/85 (0%)	Mean 0%	SD 0%			

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: Whole Body Exposure Vehicle: AIR					Page: 265 Report Date: 12/18/2020		
			Male				Female	
*Thyroid Gland: C-Cell: Adenoma		0/89 (0%)				0/86 (0%)		
Overall Incidence	Total	0/89 (0%)	Mean 0%	SD 0%	Total	0/86 (0%)	Mean 0%	SD 0%
*Thyroid Gland: C-Cell: Carcinoma		0/89 (0%)				1/86 (1%)		
Overall Incidence	Total	0/89 (0%)	Mean 0%	SD 0%	Total	1/86 (1.16%)	Mean 1.16%	SD 0%
*Thyroid Gland: C-Cell: Carcinoma or Adenoma Overall Incidence	Total	0/89 (0%) 0/89 (0%)	Mean 0%	SD 0%	Total	1/86 (1%) 1/86 (1.16%)	Mean 1.16%	SD 0%
Thyroid Gland: Follicular Cell Adenoma		0/89 (0%)				0/86 (0%)		
Overall Incidence	Total	0/89 (0%)	Mean 0%	SD 0%	Total	0/86 (0%)	Mean 0%	SD 0%
Thyroid Gland: Follicular Cell Carcinoma		0/89 (0%)				0/86 (0%)		
Overall Incidence	Total	0/89 (0%)	Mean 0%	SD 0%	Total	0/86 (0%)	Mean 0%	SD 0%
*Thyroid Gland: Follicular Cell Carcinoma or Adenoma		0/89 (0%)				0/86 (0%)		
Overall Incidence	Total	0/89 (0%)	Mean 0%	SD 0%	Total	0/86 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: Whole Body Exposure Vehicle: AIR					Page: 266 Report Date: 12/18/2020		
			Male				Female	
#Tongue: Squamous Cell Carcinoma	or Papillom	a Squamous 0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
#Tongue: Squamous Cell Papilloma		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
#Tooth: Odontoma Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%
		( )		50 0%				JU 0%
*Urinary Bladder: Hemangiosarcoma Overall Incidence	Total	0/87 (0%) 0/87 (0%)	Mean 0%	SD 0%	Total	0/86 (0%) 0/86 (0%)	Mean 0%	SD 0%
*Urinary Bladder: Mast Cell Tumor								
Overall Incidence	Total	1/87 (1%) 1/87 (1.15%)	Mean 1.15%	SD 0%	Total	0/86 (0%) 0/86 (0%)	Mean 0%	SD 0%
#Uterus: Adenocarcinoma or Adeno								
Overall Incidence					Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: Whole Body Exposure Vehicle: AIR			Page: 267 Report Date: 12/18/2020		
	Male		Female			
#Uterus:						
Adenoma			0/90 (0%)			
Overall Incidence		Total	0/90 (0%)	Mean 0%	SD 0%	
#Uterus:						
Adenoma, Adenocarcinoma, Sq Cell Carcinoma, o	r Sq Cell Papilloma					
Dverall Incidence		Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	
#Uterus: Fibroma						
Overall Incidence		Total	1/90 (1%) 1/90 (1.11%)	Mean 1.11%	SD 0%	
≠Uterus:						
Granular Cell Tumor Benign						
Overall Incidence		Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	
⊬Uterus:						
Hemangioma						
-			0/90 (0%)			
Overall Incidence		Total	0/90 (0%)	Mean 0%	SD 0%	
Uterus:						
Hemangiosarcoma						
Overall Incidence		Total	0/90 (0%) 0/90 (0%)	Moon 0%	SD 09/	
		Total	0/90 (0%)	Mean 0%	SD 0%	
Denominator is number of animals with tissues examined micr	oscopically					

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC						
	Male		Female			
#Uterus:						
Leiomyoma			1/90 (1%)			
Overall Incidence		Total	1/90 (1.11%)	Mean 1.11%	SD 0%	
#Uterus:						
Polyp Stromal			0/00 (00/)			
Overall Incidence		Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	
#Uterus:						
Sarcoma						
Overall Incidence		Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	
#Uterus:						
Sarcoma Stromal						
			0/90 (0%)			
Overall Incidence		Total	0/90 (0%)	Mean 0%	SD 0%	
#Uterus:						
Sarcoma Stromal or Polyp Stromal						
			0/90 (0%)			
Overall Incidence		Total	0/90 (0%)	Mean 0%	SD 0%	
#Vagina:						
Hemangioma						
		-	0/90 (0%)		<b>65</b>	
Overall Incidence		Total	0/90 (0%)	Mean 0%	SD 0%	
*: Denominator is number of animals with tissues examined micr						

Version: Dec2020 Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC		Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: Whole Body Exposure Vehicle: AIR					Page: 269 Report Date: 12/18/2020		
			Male				Female		
#Zymbal's Gland: Carcinoma		0/90 (0%)				0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%	
#Zymbal's Gland: Carcinoma or Adenoma		0/90 (0%)				0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%	