

NTP Historical Controls Report

By Route and Vehicle

MICE

November 2024

REPORT DESCRIPTION

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 4 shows the different Route/Vehicle combinations. To see the data from all routes and vehicles combined into one set, please refer to 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
Female F1
F1
F1 F2

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 for these studies, there are blank spaces where the tumor rates would normally be found, so that the male and female rates for the remaining studies can be easily compared.

NOMENCLATURE CHANGES

The following changes to tissue or morphology nomenclature are seen in recent historical control reports:

Skin "Malignant Fibrous Histiocytoma" is now labeled as "Pleomorphic Fibrosarcoma" (changed on 2024 report).

The All Organs "Malignant Lymphoma" pool label now includes "Large Granular" (changed on 2024 report).

"Carcinoma" is now labeled as "Adenocarcinoma" for several organs, including harderian gland, intestine, mammary gland, salivary gland, and uterus (changed on 2022 report).

Small Intestine "Site Unspecified" is now labeled as "Any Site" (changed on 2022 report).

Table of Contents

Route	Vehicle	Page Number
GAVAGE	METHYLCELLULOSE	5
INHALATION	AIR	37
ORAL	WATER	69
ORAL	FEED	101
Whole Body Exposure	AIR	133

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N

Length of Study: CHRONIC

Toxicology Data Management System

Page: 5

Report Date: 11/07/2024

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

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: 6

			Male	Female				
#All Organs: Benign Tumors								
Overall Incidence	Total	33/50 (66%)	33/50 (66%) Mean 66%	SD 0%	Total	15/50 (30%) 32/100 (32%)	17/50 (34%) Mean 32%	SD 2.83%
#All Organs: Malignant Tumors								
Overall Incidence	Total	24/50 (48%)	24/50 (48%) Mean 48%	SD 0%	Total	22/50 (44%) 40/100 (40%)	18/50 (36%) Mean 40%	SD 5.66%
#All Organs: Malignant and Benign T	umors		41/50 (82%)			24/50 (629/)	27/50 (549/)	
Overall Incidence	Total	41/50 (82%)	Mean 82%	SD 0%	Total	31/50 (62%) 58/100 (58%)	27/50 (54%) 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								
Overall Incidence	Total	3/50 (6%)	3/50 (6%) Mean 6%	SD 0%	Total	1/50 (2%) 2/100 (2%)	1/50 (2%) Mean 2%	SD 0%
#All Organs: Hemangiosarcoma or H	emangioma							
Overall Incidence	Total	3/50 (6%)	3/50 (6%) Mean 6%	SD 0%	Total	2/50 (4%) 3/100 (3%)	1/50 (2%) Mean 3%	SD 1.41%

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

^{#:} Denominator is number of animals necropsied

Species: MICE

#All Organs:

#All Organs:

#All Organs:

#All Organs:

#All Organs:

Overall Incidence

Overall Incidence

Overall Incidence

Undifferentiated Cell Type

Malignant Schwannoma

Strain: B6C3F1/N

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Histiocytic Sarcoma

...........

Vehicle: METHYLCELLULOSE

Male Female 1/50 (2%)2/50 (4%)2/50 (4%)1/50 (2%) Mean 2% SD 0% Total 4/100 (4%) Mean 4% SD 0% Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated (0%)1/50 (2%)0/50 (0%)0/50 (0%) Mean 0% SD 0% Total 1/100 (1%) Mean 1% SD 1.41% Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, Large Granular, or 7/50 (14%) 10/50 (20%)9/50 (18%) Mean 14% 7/50 (14%) SD 0% Total 19/100 (19%) Mean 19% SD 1.41% (0%)0/50 (0%)0/50 0/50 (0%)0/50 (0%) Mean 0% 0/100 (0%) SD 0% Total Mean 0% SD 0%

Page: 7

Report Date: 11/07/2024

SD 0%

- ,		
Mast	Cell	Tumor

Overall Incidence

			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%

*Adrenal Cortex: 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%

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

Total

Total

Total

Total

^{#:} Denominator is number of animals necropsied

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: 8

			Male				Female				
*Adrenal Cortex: Carcinoma or 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%			
*Adrenal Medulla: Pheochromocytoma Beniç	gn										
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 Malig			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%			
*Adrenal Medulla: Pheochromocytoma: Beni						0/50 (00/)	0/50 (0%)				
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%			
#Bone: Fibrosarcoma											
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%			
#Bone: 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%			

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

^{#:} Denominator is number of animals necropsied

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: 9

			Male				Female		
#Bone: Hemangiosarcoma			0/50 (00/)			0/50 (00/)	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%	
#Bone: Osteoma									
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%	
#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 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%	

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

^{#:} Denominator is number of animals necropsied

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: 10

			Male				Female					
*Brain: Meningioma Malignant 0/50 (0%) 1/50 (2%) 0/50 (0%)												
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	1/50 (2%)	0/50 (0%) Mean 1%	SD 1.41%				
*Brain: Meningioma: Benign, N			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: Malignant Fibrous Histi Overall Incidence	iocytoma Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/99 (0%)	0/49 (0%) Mean 0%	SD 0%				
*Clitoral/Preputial Gland: Mast Cell Tumor Overall Incidence		0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/99 (0%)	0/49 (0%) Mean 0%	SD 0%				
*Epididymis: Mast Cell Tumor			0/50 (0%)									
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%								
#Harderian Gland: Adenocarcinoma			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%				

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

^{#:} Denominator is number of animals necropsied

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: 11

			Male				Female	
#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: Adenoma or Adenocarcino	oma							
			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%
#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%
#Intestine Large: Cecum: Leiomyoma			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: Any Site: Adenocarcinoma								
		0/50 (00/)	0/50 (0%)	05 00/		0/50 (0%)	0/50 (0%)	05 00/
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Intestine Small: Any Site: 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%

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

^{#:} Denominator is number of animals necropsied

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: 12

			Male				Female			
#Intestine Small: Any Site: Adenoma or Adenocarcinoma										
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: Duodenum Adenocarcinoma	:									
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: Duodenum 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%		
#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: Adenocarcinoma					•••••					
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: Jejunum: 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%		

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

^{#:} Denominator is number of animals necropsied

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: 13

			Male				Female	
#Intestine Small: Jejunum: 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%
*Islets, Pancreatic: Adenoma								
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/99 (0%)	0/49 (0%) Mean 0%	SD 0%
*Islets, Pancreatic: Carcinoma			(05)			(20)		
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/99 (0%)	0/49 (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								
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%
*Kidney: Renal Tubule: Carcinoma or 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%

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

^{#:} Denominator is number of animals necropsied

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: 14

			Male				Female	
*Kidney: Renal Tubule: 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%
*Kidney: Renal Tubule: 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%
*Kidney: Renal Tubule: Renal Mesenchymal Tumor			0/50 (00/)			0/50 (00/)	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%
*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								
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%
*Liver: Hemangiosarcoma								
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%

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

^{#:} Denominator is number of animals necropsied

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: 15

			Male				Female	
*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%
*Liver: Hepatocellular Adenoma								
	.	05/50 (500()	25/50 (50%)	00.00/	-	6/50 (12%)	8/50 (16%)	00.000/
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		astoma	2/22 (1221)					
Overall Incidence	Total	8/50 (16%)	8/50 (16%) Mean 16%	SD 0%	Total	3/50 (6%) 6/100 (6%)	3/50 (6%) Mean 6%	SD 0%
*Liver: Hepatocellular Carcinoma								
			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,	, Hepatocellu	lar Adenoma, or Hepat						
Overell Incidence	Total	20/50 (600/)	30/50 (60%)	CD 00/	Total	8/50 (16%)	9/50 (18%)	CD 4 440/
Overall Incidence	Total	30/50 (60%)	Mean 60%	SD 0%	Total	17/100 (17%)	Mean 17%	SD 1.41%

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

^{#:} Denominator is number of animals necropsied

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: 16

			Male				Female	
*Liver: Hepatocholangiocarcinoma	1							
Overall Incidence	Total	2/50 (4%)	2/50 (4%) Mean 4%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
*Liver: Ito Cell Tumor Benign								
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%
*Liver: 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%
*Lung: Alveolar/Bronchiolar Adenc						0/50 /40/	4/50 (00)	
Overall Incidence	Total	8/50 (16%)	8/50 (16%) Mean 16%	SD 0%	Total	2/50 (4%) 3/100 (3%)	1/50 (2%) Mean 3%	SD 1.41%
*Lung: Alveolar/Bronchiolar Carcir								
Overall Incidence	Total	4/50 (8%)	4/50 (8%) Mean 8%	SD 0%	Total	0/50 (0%) 3/100 (3%)	3/50 (6%) Mean 3%	SD 4.24%
*Lung: Alveolar/Bronchiolar Carcir	noma or Alve	eolar/Bronchiolar Aden	oma					
Overall Incidence	Total	11/50 (22%)	11/50 (22%) Mean 22%	SD 0%	Total	2/50 (4%) 6/100 (6%)	4/50 (8%) Mean 6%	SD 2.83%

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

^{#:} Denominator is number of animals necropsied

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: 17

			Male				Female	
*Lung: 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%
					·····		······	
*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 /00/\	0/50 (09/)	
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: 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, Axillary: 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%
#Lymph Node, Mandibular: Hemangiosarcoma			0/50 (00)			0/50 (000)	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%

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

^{#:} Denominator is number of animals necropsied

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: 18

			Male				Female	
#Lymph Node, Mandibular: 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 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 /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%
#Lymph Node, Mesenteric: 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, Mesenteric: Mast Cell Tumor Malignant					····			35 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%
#Mammary Gland: Adenocarcinoma			0/50 (00/)			0/50 /00/	0/50 (09/)	
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%

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

^{#:} Denominator is number of animals necropsied

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: 19

#Mammary Gland: Adenoma Overall Incidence #Mammary Gland: Adenoma or Adenocarcinom 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%
#Mammary Gland: Adenoma or Adenocarcinom	ma Total		Mean 0%	SD 0%	Total	` '	` '	SD 1.41%
Adenoma or Adenocarcinom	Total	0/50 (00()	0/50 /08/					
Overall Incidence		0/50 (00/)	0/50 (00/)					
		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%
Mammary Gland: Fibroma, Fibroadenoma or A			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, Add	lenocarcinon	na, 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%
Mesentery: Hemangioma			2/22 (22/)			2(22)	2/20	
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		•••••						
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%

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

^{#:} Denominator is number of animals necropsied

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: 20

			Male				Female	
#Mesentery: Lipoma			0/50 (00/)			0/50 (00/)	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%
#Mesentery: Malignant Fibrous Histiocy	toma							
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: 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%
*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					•••••			
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%
#Oral Mucosa: Squamous Cell Carcinoma			(00)			(00)	(00)	
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%

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Vehicle: METHYLCELLULOSE

Page: 21

			Male				Female			
#Oral Mucosa, Tongue, Pharynx, or Gingiva: Papilloma Squamous or Papilloma										
			0/50 (0%)			0/50 (0%)	0/50 (0%)			
verall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%		
Oral Mucosa, Tongue, P Squamous Cell Carcino		va:								
			0/50 (0%)			0/50 (0%)	1/50 (2%)			
verall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%		
Oral Mucosa, Tongue, P Squamous Cell Carcine		va: iquamous, or Papillom				0/50 (0%)	1/50 (2%)			
	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%		
verall Incidence Ovary: Adenocarcinoma, Cyst	Total		` '	SD 0%	Total Total	` '	` '	SD 1.41% SD 1.44%		
Overall Incidence Ovary: Adenocarcinoma, Cyst Overall Incidence Ovary: Adenoma	Total		` '	SD 0%		1/100 (1%) 2/49 (4%) 5/98 (5.1%)	Mean 1% 3/49 (6%) Mean 5.1%			
verall Incidence Ovary: Adenocarcinoma, Cyst verall Incidence Ovary: Adenoma	Total		` '	SD 0%		1/100 (1%) 2/49 (4%)	Mean 1% 3/49 (6%)			
Overall Incidence Ovary: Adenocarcinoma, Cyst Overall Incidence Ovary:	Total		` '	SD 0%	Total	1/100 (1%) 2/49 (4%) 5/98 (5.1%) 0/49 (0%)	Mean 1% 3/49 (6%) Mean 5.1% 0/49 (0%)	SD 1.44%		

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Route: GAVAGE

Length of Study: CHRONIC

Vehicle: METHYLCELLULOSE

Page: 22

Male			Female	
*Ovary: Cystadenoma or Cystadenocarcinoma				
Overall Incidence	Total	2/49 (4%) 5/98 (5.1%)	3/49 (6%) Mean 5.1%	SD 1.44%
*Ovary: Granulosa-Theca Tumor Malignant				
Overall Incidence	Total	0/49 (0%) 0/98 (0%)	0/49 (0%) Mean 0%	SD 0%
*Ovary: Granulosa Cell Tumor Benign				
Overall Incidence	Total	0/49 (0%) 0/98 (0%)	0/49 (0%) Mean 0%	SD 0%
*Ovary: Granulosa Cell Tumor, Luteoma, Thecoma, or Sertoli Cell Tumor (Benign, Malignant, NOS)		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: Benign, Malignant, NOS				
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%

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 23

Report Date: 11/07/2024

Route: GAVAGE

Vehicle: METHYLCELLULOSE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male			Female	
*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: Teratoma				
Overall Incidence	Total	0/49 (0%) 0/98 (0%)	0/49 (0%) Mean 0%	SD 0%
*Ovary: Teratoma (Benign or Malignant), Yolk Sac Carcinoma (Malignant), or Choriocarcinoma (Malignant)				
Overall Incidence	Total	0/49 (0%) 0/98 (0%)	0/49 (0%) Mean 0%	SD 0%
*Ovary: Teratoma, Benign or Malignant		•••••		
Overall Incidence	Total	0/49 (0%) 0/98 (0%)	0/49 (0%) Mean 0%	SD 0%
*Ovary: Thecoma Benign				
Overall Incidence	Total	0/49 (0%) 0/98 (0%)	0/49 (0%) Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

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: 24

			Male				Female	
*Ovary: Thecoma Malignant								
Overall Incidence					Total	0/49 (0%) 0/98 (0%)	0/49 (0%) Mean 0%	SD 0%
*Ovary: Tubulostromal Adenoma	······							
Overall Incidence					Total	0/49 (0%) 1/98 (1.02%)	1/49 (2%) Mean 1.02%	SD 1.44%
*Ovary: Tubulostromal Carcinom	ıa							
Overall Incidence					Total	0/49 (0%) 0/98 (0%)	0/49 (0%) Mean 0%	SD 0%
*Pancreas: Malignant Fibrous Histio	cytoma		2/52 (224)			0/50 (00/)	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%
*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: 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%

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

^{#:} Denominator is number of animals necropsied

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: 25

			Male				Female				
*Pituitary Gland: Pars Distalis or Unspecified Site: 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 Distal Carcinoma or Adenoma	lis or Unspecif	ied Site:									
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 Intern Adenoma	nedia:										
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 Intern Carcinoma or Adenoma			0/48 (0%)			0/49 (0%)	0/47 (0%)				
Overall Incidence	Total	0/48 (0%)	Mean 0%	SD 0%	Total	0/96 (0%)	Mean 0%	SD 0%			
*Pituitary Gland: Pars Intern Schwannoma Malignant											
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			4/50 (00()								
Overall Incidence	Total	1/50 (2%)	1/50 (2%) Mean 2%	SD 0%							

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

^{#:} Denominator is number of animals necropsied

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: 26

			Male				Female	
*Prostate: Mast Cell Tumor								
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%				
*Salivary Glands: Adenocarcinoma								
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: Adenoma or Adenocard	cinoma		0/50 (00/)			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%
*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%
#Seminal Vesicle: Fibroma								
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%				
#Skeletal Muscle: Fibrosarcoma								
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%

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

^{#:} Denominator is number of animals necropsied

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: 27

			Male				Female	
#Skeletal Muscle: 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%
#Skeletal Muscle: Osteosarcoma								
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%
#Skeletal Muscle: Rhabdomyosarcoma								
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	1/50 (2%) 2/100 (2%)	1/50 (2%) Mean 2%	SD 0%
#Skeletal Muscle: Rhabdomyosarcoma or F	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			(05)			(00)		
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%

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

^{#:} Denominator is number of animals necropsied

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: 28

#Skin: Basal or Squamous Cell Carcinoma, Basosquamous Tumor (Malignant or Benign), Basal Cell Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma, Adenoma, Sebaceous Gland Adenoma, or Sebaceous Gland Adenocarcinoma											
	, 0. 0000000		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: Basosquamous Tumor (Bo Keratoacanthoma, Trichoo	enign), Basal (Cell Adenoma, Adenor	na, Papilloma, Sq Papill lenoma				(20)				
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: Fibroma			0/50 (0%)			0/50 (0%)	0/50 (0%)				
verall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%			
Skin: Fibroma or Myxoma			0/50 (0%)			0/50 (0%)	0/50 (0%)	05.00			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%			
tSkin: Fibroma, Fibrosarcoma, S	arcoma, Myxo	oma, Myxosarcoma, or	Pleomorphic Fibrosarc 0/50 (0%)	oma		1/50 (2%)	2/50 (4%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	3/100 (3%)	Mean 3%	SD 1.41%			
Skin: Fibroma, Fibrosarcoma, S Hemangiopericytoma	arcoma, Myxo	oma, Myxosarcoma, Pl	eomorphic Fibrosarcom			1/50 (2%)	2/50 (4%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	3/100 (3%)	Mean 3%	SD 1.41%			

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

^{#:} Denominator is number of animals necropsied

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: 29

			Male				Female	
#Skin: Fibrosarcoma								
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%
#Skin: Fibrosarcoma, Sarcoma			sarcoma					
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	1/50 (2%) 3/100 (3%)	2/50 (4%) Mean 3%	SD 1.41%
#Skin: 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%
#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: Lipoma			0/50 (00/)			0/50 (00%)	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%
#Skin: Liposarcoma			0/50 (0%)			0/50 (00%)	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%

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

^{#:} Denominator is number of animals necropsied

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: 30

			Male				Female	
#Skin: Melanoma			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: Osteosarcoma								
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: Pilomatrixoma			0/50 (09/)			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%
#Skin: Pleomorphic Fibrosarcom			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: Sarcoma								
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%
#Skin: Schwannoma Malignant								
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%

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

^{#:} Denominator is number of animals necropsied

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: 31

			Male				Female	
#Skin: Sebaceous Gland: 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%
#Spinal Cord: Astrocytoma Malignant			0/50 (0%)			4/50 (20/)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) 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 Overall Incidence	Total	4/EO (20()	1/50 (2%)	SD 0%	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%
		1/50 (2%)	Mean 2%	SD 0%	Total	1/100 (1%)	wean 1%	SD 1.41%
#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: 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%

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

^{#:} Denominator is number of animals necropsied

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: 32

			Male				Female	
#Stomach, Forestomach: Squamous Cell Carcinoma	ı or Papilloma	a Squamous						
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%
#Stomach, Forestomach: Squamous Cell Papilloma			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%
#Stomach, Glandular: Adenoma			2/22 (224)				(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%
#Stomach, Glandular: 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%
*Testis: Adenoma			2/22 (224)					
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%				
*Testis: Hemangioma			0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%				

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

^{#:} Denominator is number of animals necropsied

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: 33

			Male				Female	
*Thymus: Hemangioma			0/44 (051)			0/40 (000)	0/40 (000)	
Overall Incidence	Total	0/41 (0%)	0/41 (0%) Mean 0%	SD 0%	Total	0/48 (0%) 0/97 (0%)	0/49 (0%) Mean 0%	SD 0%
*Thymus: Hemangiosarcoma			0/41 (0%)			0/48 (0%)	0/49 (0%)	
Overall Incidence	Total	0/41 (0%)	Mean 0%	SD 0%	Total	0/97 (0%)	Mean 0%	SD 0%
*Thymus: Thymoma Benign			0/41 (0%)			0/48 (0%)	0/49 (0%)	
Overall Incidence	Total	0/41 (0%)	Mean 0%	SD 0%	Total	0/48 (0%)	Mean 0%	SD 0%
*Thyroid Gland: C-Cell: Carcinoma	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%
*Thyroid Gland: C-Cell: Carcinoma or Adenoma		` '				0/50 (0%)	0/50 (0%)	GD 0/8
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
*Thyroid Gland: Follicular Cel Adenoma			0/50 (051)			0/50 (000)	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%

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

^{#:} Denominator is number of animals necropsied

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: 34

			Male				Female				
*Thyroid Gland: Follicular Cell: Carcinoma											
Overall Incidence	Total	0/50 (0%)	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 (Carcinoma or Adenoma	Cell:										
Overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%			
#Tongue: Squamous Cell Carcinon	na or Papilloma	Squamous	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%			
#Tongue: Squamous Cell Papillom			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%			
#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: 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%			

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management SystemTumor Incidence for Selected Control Animal Groups

Contract/Lab: All Laboratories

Length of Study: CHRONIC

Species: MICE
Strain: B6C3F1/N

Route: GAVAGE
Vehicle: METHYLCELLULOSE

Page: 35

	Male			Female	
*Uterus: Adenocarcinoma or Adenoma					
Overall Incidence	Tot	0/50 tal 0/100	` '	0/50 (0%) Mean 0%	SD 0%
*Uterus: Adenoma					
Overall Incidence	Tot	0/50 tal 0/100	` '	0/50 (0%) Mean 0%	SD 0%
*Uterus: Fibroma					
Overall Incidence	Tot		(0%)	0/50 (0%) Mean 0%	SD 0%
*Uterus: Granular Cell Tumor Benign		•••••			•••••
Overall Incidence	Tot		(1%)	0/50 (0%) Mean 1%	SD 1.41%
*Uterus: Hemangioma					••••••
Overall Incidence	Tot	1/50 tal 1/100		0/50 (0%) Mean 1%	SD 1.41%
*Uterus: Hemangiosarcoma		•••••	•••••		
Overall Incidence	Tot	0/50 tal 0/100		0/50 (0%) Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

Strain: B6C3F1/N

Species: MICE

*Uterus: Leiomyoma

*Uterus:

*Uterus:

*Uterus: Sarcoma

*Uterus:

#Vagina: Hemangioma

Overall Incidence

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 36

Report Date: 11/07/2024

Route: GAVAGE

Vehicle: METHYLCELLULOSE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/100 (0%) Mean 0% SD 0% Leiomyosarcoma or Leiomyoma 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/100 (0%) Mean 0% SD 0% **Polyp Stromal** 1/50 (2%)0/50 (0%)**Overall Incidence** Total 1/100 (1%) Mean 1% SD 1.41% 1/50 (2%)0/50 (0%)**Overall Incidence** Total 1/100 (1%) Mean 1% SD 1.41%

1/50

0/50

0/100 (0%)

1/100 (1%)

Total

Total

(2%)

(0%)

0/50

0/50

(0%)

(0%)

SD 1.41%

SD 0%

Mean 1%

Mean 0%

Overall Incidence

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

Sarcoma Stromal or Polyp Stromal

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: 37

Report Date: 11/07/2024

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	050706204	06/28/16	742	50(1)	37(709)	51.0	1020 Long Multiwalled Carbon Nanotubes
Battelle Columbus Laboratory	052030201	02/09/15	729	50(1)	39(696)	52.2	alpha-Pinene
Battelle Northwest	051047204	01/31/11	729	50(5)	40(705)	52.7	p-Chloro-a,a,a-trifluorotoluene
					Female		
Battelle Columbus Laboratory	050706204	06/28/16	744	50(1)	37(708)	59.1	1020 Long Multiwalled Carbon Nanotubes
Battelle Columbus Laboratory	052030201	02/09/15	731	50(1)	33(688)	56.1	alpha-Pinene
Battelle Northwest	051047204	01/31/11	731	50(5)	38(700)	55.9	p-Chloro-a,a,a-trifluorotoluene

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: 38

			Male		Female				
#All Organs: Benign Tumors									
		20/50 (40%)	28/50 (56%)	32/50 (64%)		28/50 (56%)	18/50 (36%)	24/50 (48%)	
Overall Incidence	Total	80/150 (53.33%)	Mean 53.33%	SD 12.22%	Total	70/150 (46.67%)	Mean 46.67%	SD 10.07%	
All Organs: Malignant Tumors									
		24/50 (48%)	23/50 (46%)	25/50 (50%)		19/50 (38%)	24/50 (48%)	24/50 (48%)	
Overall Incidence	Total	72/150 (48%)	Mean 48%	SD 2%	Total	67/150 (44.67%)	Mean 44.67%	SD 5.77%	
ŧAll Organs: Malignant and Benign Τι	umors	36/50 (72%)	40/50 (80%)	44/50 (88%)		33/50 (66%)	36/50 (72%)	38/50 (76%)	
Overall Incidence	Total	120/150 (80%)	Mean 80%	SD 8%	Total	107/150 (71.33%)	Mean 71.33%	SD 5.03%	
All Organs: Hemangioma		1/50 (2%)	0/50 (0%)	0/50 (0%)		3/50 (6%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	3/150 (2%)	Mean 2%	SD 3.46%	
All Organs: Hemangiosarcoma					•••••				
-		2/50 (4%)	0/50 (0%)	2/50 (4%)		1/50 (2%)	1/50 (2%)	3/50 (6%)	
Overall Incidence	Total	4/150 (2.67%)	Mean 2.67%	SD 2.31%	Total	5/150 (3.33%)	Mean 3.33%	SD 2.31%	
All Organs: Hemangiosarcoma or He	emangioma	2/50 (02/)	0/50 /02/	0/50 /40/		4/50 (00)	4/50 (00/)	2/50 (00/)	
Overall Incidence	Total	3/50 (6%) 5/150 (3.33%)	0/50 (0%) Mean 3.33%	2/50 (4%) SD 3.06%	Total	4/50 (8%) 8/150 (5.33%)	1/50 (2%) Mean 5.33%	3/50 (6%) SD 3.06%	
		5/150 (3.33%)				,			

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

^{#:} Denominator is number of animals necropsied

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: 39

			Male			Female			
All Organs: Histiocytic Sarcoma									
		0/50 (0%)	0/50 (0%)	0/50 (0%)		2/50 (4%)	4/50 (8%)	2/50 (4%)	
verall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	8/150 (5.33%)	Mean 5.33%	SD 2.31%	
All Organs: Leukemia: Lymphocyti	c, Monocytic, M	Iononuclear, or Undifferen	itiated						
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
verall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
All Organs: Malignant Lymphoma: Undifferentiated Cell Ty	Histiocytic, Lyn /pe	nphocytic, Mixed, NOS, La		0/50 (4004)		(2001)	- / // // // // // // // // // // // //	0/50 (400)	
		6/50 (12%)	1/50 (2%)	6/50 (12%)		10/50 (20%)	7/5() (14%)	9/50 (18%)	
verall Incidence	Total	6/50 (12%) 13/150 (8.67%)	1/50 (2%) Mean 8.67%	6/50 (12%) SD 5.77%	Total	10/50 (20%) 26/150 (17.33%)	7/50 (14%) Mean 17.33%	9/50 (18%) SD 3.06%	
		13/150 (8.67%)	Mean 8.67%	SD 5.77%	Total	26/150 (17.33%)	Mean 17.33%	SD 3.06%	
All Organs: Malignant Schwannom	a Total	` '	` ,		Total Total	` ,		` ,	
All Organs: Malignant Schwannom	a Total	13/150 (8.67%) 0/50 (0%) 1/150 (0.67%)	Mean 8.67% 0/50 (0%) Mean 0.67%	SD 5.77% 1/50 (2%) SD 1.15%		26/150 (17.33%) 0/50 (0%) 0/150 (0%)	Mean 17.33% 0/50 (0%)	SD 3.06% 0/50 (0%) SD 0%	
All Organs: Malignant Schwannom verall Incidence All Organs: Mast Cell Tumor	a Total	13/150 (8.67%) 0/50 (0%) 1/150 (0.67%) 0/50 (0%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%	Total	26/150 (17.33%) 0/50 (0%) 0/150 (0%) 0/50 (0%)	Mean 17.33% 0/50 (0%) Mean 0% 0/50 (0%)	SD 3.06% 0/50 (0%) SD 0% 0/50 (0%)	
All Organs: Malignant Schwannom verall Incidence All Organs: Mast Cell Tumor	a Total	13/150 (8.67%) 0/50 (0%) 1/150 (0.67%)	Mean 8.67% 0/50 (0%) Mean 0.67%	SD 5.77% 1/50 (2%) SD 1.15%		26/150 (17.33%) 0/50 (0%) 0/150 (0%)	Mean 17.33% 0/50 (0%) Mean 0%	SD 3.06% 0/50 (0%) SD 0%	
Overall Incidence	a Total	0/50 (0%) 1/150 (0.67%) 0/50 (0%) 0/50 (0%) 0/150 (0%)	Mean 8.67% 0/50 (0%) Mean 0.67% 0/50 (0%) Mean 0%	1/50 (2%) SD 1.15% 0/50 (0%) SD 0%	Total	26/150 (17.33%) 0/50 (0%) 0/150 (0%) 0/50 (0%) 0/150 (0%)	Mean 17.33% 0/50 (0%) Mean 0% 0/50 (0%) Mean 0%	SD 3.06% 0/50 (0%) SD 0% 0/50 (0%) SD 0%	
All Organs: Malignant Schwannom Overall Incidence All Organs: Mast Cell Tumor Overall Incidence Adrenal Cortex:	a Total	13/150 (8.67%) 0/50 (0%) 1/150 (0.67%) 0/50 (0%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%	Total	26/150 (17.33%) 0/50 (0%) 0/150 (0%) 0/50 (0%)	Mean 17.33% 0/50 (0%) Mean 0% 0/50 (0%)	SD 3.06% 0/50 (0%) SD 0% 0/50 (0%)	

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

^{#:} Denominator is number of animals necropsied

Strain: B6C3F1/N

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

Page: 40

			Male			Female			
*Adrenal Cortex: Carcinoma or Adenoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
*Adrenal Medulla: Pheochromocytoma Benign		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%	
*Adrenal Medulla: Pheochromocytoma Maligna	ant	0/50 (00/)	0/50 (00/)	0/50 (00)		0/50 (00/)	4/50 (004)	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%) 1/150 (0.67%)	1/50 (2%) Mean 0.67%	0/50 (0%) SD 1.15%	
*Adrenal Medulla: Pheochromocytoma: Benigi			0/50 (0%)	0/50 (0%)		1/50 (2%)	1/50 (2%)	1/50 (2%)	
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	3/150 (2%)	Mean 2%	SD 0%	
#Bone: Fibrosarcoma									
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%)	1/50 (2%) Mean 0.67%	0/50 (0%) 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%	

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

^{#:} Denominator is number of animals necropsied

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: 41

			Male		Female				
#Bone: 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%	
#Bone: Osteoma									
		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%	
#Bone: Osteosarcoma									
		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%	
Bone: Osteosarcoma or Osteoma		1/50 (2%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/150 (2%)	Mean 0.67%	SD 1.15%	Total	1/150 (2.67%)	Mean 0.67%	SD 1.15%	
Bone Marrow: Hemangiosarcoma									
		0/8 (0%)	0/50 (0%)	0/50 (0%)		0/4 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/108 (0%)	Mean 0%	SD 0%	Total	0/104 (0%)	Mean 0%	SD 0%	
Bone Marrow: Mast Cell Tumor Malignant									
		0/8 (0%)	0/50 (0%)	0/50 (0%)		0/4 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/108 (0%)	Mean 0%	SD 0%	Total	0/104 (0%)	Mean 0%	SD 0%	

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

^{#:} Denominator is number of animals necropsied

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: 42

			Male				Female			
*Brain: Meningioma 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%	
Brain: Meningioma: Benign, Ma	lignant. NOS									
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%	
*Clitoral/Preputial Gland: Malignant Fibrous Histio			0/40 (0%)	0/50 (0%)		0/50 (0%)	0/47 (0%)	0/48 (0%)	
Overall Incidence	Total	1/50 (2%) 1/149 (0.67%)	0/49 (0%) Mean 0.67%	SD 1.15%	(0%)	Total	0/50 (0%) 0/145 (0%)	0/47 (0%) Mean 0%	0/48 (0%) SD 0%	
*Clitoral/Preputial Gland: Mast Cell Tumor										
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (SD 0%	(0%)	Total	0/50 (0%) 0/145 (0%)	0/47 (0%) Mean 0%	0/48 (0%) SD 0%	
Epididymis: Mast Cell Tumor	•••••									
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (SD 0%	(0%)					
#Harderian Gland: Adenocarcinoma		0/50 (651)	0/50 (001)	4/50	(004)		0/50 (00/)	4/50 (00)	0/50 (001)	
Overall Incidence	Total	3/50 (6%) 4/150 (2.67%)	0/50 (0%) Mean 2.67%	1/50 (SD 3.06%	2%)	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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Page: 43 Report Date: 11/07/2024

Species: MICE Strain: B6C3F1/N Route: INHALATION Vehicle: AIR

Length of Study: CHRONIC

			Male			Female			
#Harderian Gland: Adenoma									
		3/50 (6%)	6/50 (12%)	5/50 (10%)		5/50 (10%)	3/50 (6%)	2/50 (4%)	
Overall Incidence	Total	14/150 (9.33%)	Mean 9.33%	SD 3.06%	Total	10/150 (6.67%)	Mean 6.67%	SD 3.06%	
#Harderian Gland: Adenoma or Adenocarcino	oma								
		6/50 (12%)	6/50 (12%)	6/50 (12%)		5/50 (10%)	4/50 (8%)	2/50 (4%)	
Overall Incidence	Total	18/150 (12%)	Mean 12%	SD 0%	Total	11/150 (7.33%)	Mean 7.33%	SD 3.06%	
#Harderian Gland: 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%	
#Intestine Large: Cecum: Leiomyoma									
		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%	
#Intestine Small: Any Site: Adenocarcinoma									
		3/50 (6%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	4/150 (2.67%)	Mean 2.67%	SD 3.06%	Total	0/150 (0%)	Mean 0%	SD 0%	
#Intestine Small: Any Site: Adenoma									
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

Page: 44

			Male				Female				
#Intestine Small: Any Site: Adenoma or Adenocarcinoma											
		3/50 (6%)	1/50 (2%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	1/50 (2%)			
Overall Incidence	Total	5/150 (3.33%)	Mean 3.33%	SD 2.31%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%			
Intestine Small: Duodenum: Adenocarcinoma											
		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: Duodenum: Adenoma								- 1			
Second to although	T-1-1	0/50 (0%)	0/50 (0%)	0/50 (0%)	T-1-1	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: lleum: Adenoma											
		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%			
Intestine Small: Jejunum: Adenocarcinoma											
		3/50 (6%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	4/150 (2.67%)	Mean 2.67%	SD 3.06%	Total	0/150 (0%)	Mean 0%	SD 0%			
Intestine Small: Jejunum: Adenoma								- 1			
	.	0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/150 (0%)	Mean 0%	SD 0%			

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

^{#:} Denominator is number of animals necropsied

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: 45

			Male			Female			
#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%	
'Islets, Pancreatic: Adenoma									
Overall Incidence	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%	Total	1/49 (2%) 1/149 (0.67%)	0/50 (0%) Mean 0.68%	0/50 (0%) SD 1.18%	
Islets, Pancreatic: Carcinoma									
Overall Incidence	Total	1/50 (2%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	0/50 (0%) SD 1.15%	Total	0/49 (0%) 0/149 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
Islets, Pancreatic: Carcinoma or Adenoma			0/50 (0%)	4/50 (00/)		4/40 (00/)	0/50 (00/)	0/50 (00/)	
Overall Incidence	Total	1/50 (2%) 2/150 (1.33%)	0/50 (0%) Mean 1.33%	1/50 (2%) SD 1.15%	Total	1/49 (2%) 1/149 (0.67%)	0/50 (0%) Mean 0.68%	0/50 (0%) SD 1.18%	
Kidney: Renal Tubule: Adenoma									
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/49 (0%) 1/149 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%	
Kidney: Renal Tubule: Carcinoma or Adenoma									
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/49 (0%) 1/149 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%	

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

Page: 46

			Male				Female	
*Kidney: Renal Tubule: Hemangiosarcoma								
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (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%
Kidney: Renal Tubule: Mast Cell Tumor			-4	-1				
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (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%
Kidney: Renal Tubule: Renal Mesenchymal Tumor		0/50 (00/)	0(40 (00))	0/50 (00)		0/40 (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	0/49 (0%) 0/149 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Liver: Cholangiocarcinoma								
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: Hemangioma								
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%
*Liver: Hemangiosarcoma								
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%) 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

^{#:} Denominator is number of animals necropsied

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: 47

			Male			Female				
Liver: Hepatoblastoma										
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%		
Liver: Hepatocellular Adenoma										
Overall Incidence	Total	13/50 (26%) 61/150 (40.67%)	23/50 (46%) Mean 40.67%	25/50 (50%) SD 12.86%	Total	4/50 (8%) 22/150 (14.67%)	6/50 (12%) Mean 14.67%	12/50 (24%) SD 8.33%		
Liver: Hepatocellular Carcinoma		13/50 (26%)	19/50 (269/)	9/50 /469/\		6/50 (420/)	7/50 (14%)	7/50 (149/)		
Overall Incidence	Total	39/150 (26%)	18/50 (36%) Mean 26%	8/50 (16%) SD 10%	Total	6/50 (12%) 20/150 (13.33%)	Mean 13.33%	7/50 (14%) SD 1.15%		
Liver: Hepatocellular Carcinoma o										
Overall Incidence	Total	13/50 (26%) 40/150 (26.67%)	18/50 (36%) Mean 26.67%	9/50 (18%) SD 9.02%	Total	6/50 (12%) 20/150 (13.33%)	7/50 (14%) Mean 13.33%	7/50 (14%) SD 1.15%		
Liver: Hepatocellular Carcinoma c		ellular Adenoma								
Overall Incidence	Total	25/50 (50%) 88/150 (58.67%)	33/50 (66%) Mean 58.67%	30/50 (60%) SD 8.08%	Total	9/50 (18%) 39/150 (26%)	12/50 (24%) Mean 26%	18/50 (36%) SD 9.17%		
Liver: Hepatocellular Carcinoma,		ular Adenoma, or Hepatol 25/50 (50%)					12/50 (24%)	19/50 (369/)		
Overall Incidence	Total	25/50 (50%) 89/150 (59.33%)	Mean 59.33%	31/50 (62%) SD 8.33%	Total	9/50 (18%) 39/150 (26%)	Mean 26%	18/50 (36%) SD 9.17%		

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

^{#:} Denominator is number of animals necropsied

Strain: B6C3F1/N

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

Page: 48

			Male			Female			
*Liver: Hepatocholangiocarcinom	na								
Overall Incidence	Total	0/50 (0%) 3/150 (2%)	0/50 (0%) Mean 2%	3/50 (6%) SD 3.46%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	
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		0/50 (651)	0/50 (001)	0/50 (00)		0/50 (00.)	0/50 (000)	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%	
*Lung: Alveolar/Bronchiolar Ader	noma	4/50 (00/)	F/F0 (400/)	44/50 (000)		0/50 (00/)	0/50 (40/)	E/50 (400V)	
Overall Incidence	Total	4/50 (8%) 20/150 (13.33%)	5/50 (10%) Mean 13.33%	11/50 (22%) SD 7.57%	Total	3/50 (6%) 10/150 (6.67%)	2/50 (4%) Mean 6.67%	5/50 (10%) SD 3.06%	
Lung: Alveolar/Bronchiolar Carc									
Overall Incidence	Total	6/50 (12%) 21/150 (14%)	9/50 (18%) Mean 14%	6/50 (12%) SD 3.46%	Total	3/50 (6%) 4/150 (2.67%)	1/50 (2%) Mean 2.67%	0/50 (0%) SD 3.06%	
*Lung: Alveolar/Bronchiolar Carc		veolar/Bronchiolar Adeno 10/50 (20%)		17/50 (34%)		6/50 (12%)	3/50 (6%)	5/50 (10%)	
Overall Incidence	Total	41/150 (27.33%)	Mean 27.33%	SD 7.02%	Total	14/150 (9.33%)	Mean 9.33%	SD 3.06%	

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

^{#:} Denominator is number of animals necropsied

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: 49

			Male				Female	
Lung: Hemangiosarcoma								
		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%
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 (00/)	0/50 /00/	0/50 /00()		0/50 /00/	0/50 /00/	0/50 (00/)
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
	10lal	0/150 (0%)			10tai	0/150 (0%)		
Lymph Node: Mast Cell Tumor		2(72)	2/52 (221)	2(72 (224)		2/20 (201)	2/22 (224)	2/52 (221)
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
		0/150 (0%)			10tai	0/150 (0%)		5D 0%
Lymph Node, Axillary: Hemangioma								
		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: Hemangiosarcoma								
• "	-	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%

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

^{#:} Denominator is number of animals necropsied

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: 50

		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%	(070)	Total	0/150 (0%)	Mean 0%	SD 0%
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%
							•••••	
Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 SD 0%	(0%)	Total	1/50 (2%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	0/50 (0%) SD 1.15%
	0/50 (00/)	0/50 (00/)	0/50	(00/)		0/50 (00)	0/50 (00/)	0/50 (00/)
Total	0/50 (0%)	Mean 0%	SD 0%	(0%)	Total	0/50 (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 SD 0%	(0%)	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Taral	0/50 (0%)	0/50 (0%)	1/50	(2%)	T-1-1	0/50 (0%)	0/50 (0%)	0/50 (0%) SD 0%
	Total Total	0/50 (0%) Total 0/150 (0%) 0/50 (0%) Total 0/150 (0%) Total 0/50 (0%) Total 0/50 (0%) Total 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) Total 0/150 (0%) Mean 0% 0/50 (0%) 0/50 (0%) Total 0/150 (0%) Mean 0% 0/50 (0%) 0/50 (0%) Total 0/150 (0%) Mean 0% 0/50 (0%) 0/50 (0%) Total 0/150 (0%) Mean 0% Total 0/150 (0%) 0/50 (0%) Total 0/150 (0%) Mean 0%	O/50 (0%) O/50 (0%) O/50 (0%) O/50 (0%) Total O/150 (0%) O/50 (0%) O/50 (0%) O/50 (0%) Total O/150 (0%) O/50 (0%) O/50 (0%) O/50 (0%) O/50 (0%) Total O/150 (0%) O/50 (0%) O/50 (0%) O/50 (0%) O/50 (0%) Total O/150 (0%) O/50 (0%) O/50 (0%) O/50 (0%) O/50 (0%) Total O/150 (0%) O/50 (0%) O/50 (0%) O/50 (0%) O/50 (0%) Total O/150 (0%) O/50 (0%) O/50 (0%) O/50 (0%) O/50 (0%) O/50 (0%) O/50 (0%) O/50 (0%) O/50 (0%) O/50 (0%) O/50 (0%)	O/50 (0%) O/50 (0%) O/50 (0%) O/50 (0%) Total O/150 (0%) Mean 0% SD 0% Total O/50 (0%) O/50 (0%) O/50 (0%) Total O/150 (0%) O/50 (0%) O/50 (0%) D 0/50 (0%) O/50 (0%) O/50 (0%)	Total 0/50 (0%) 0/50 (0%) SD 0% Total 0/50 (0%) 0/50 (0%) SD 0% Total 0/50 (0%) 0/50 (0%) 0/50 (0%) Total 0/150 (0%) 0/50 (0%) SD 0% Total 0/50 (0%) 0/50 (0%) 0/50 (0%) Total 0/150 (0%) 0/50 (0%) SD 0% Total 0/50 (0%) 0/50 (0%) 0/50 (0%) Total 0/150 (0%) 0/50 (0%) SD 0% Total 0/50 (0%) 0/50 (0%) 0/50 (0%) Total 0/150 (0%) 0/50 (0%) SD 0% Total	O/50 (0%) O/50 (0%) O/50 (0%) O/50 (0%) O/50 (0%) Total O/150 (0%) Mean 0% SD 0% Total O/150 (0%) O/50 (0%) O/50 (0%) O/50 (0%) O/50 (0%) Total O/150 (0%) O/50 (0%) Total O/150 (0%)	O/50 (0%) O/50 (0%) <t< td=""></t<>

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

^{#:} Denominator is number of animals necropsied

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: 51

			Male				Female	
#Mammary Gland: 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%
		(,				` '		
Mammary Gland: Adenoma or Adenocarcii	noma	2(72)	2/52 (221)	(50)		2/22 (224)	0/50 (004)	2/22 (22)
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%
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	0/50 (0%)	Mean 0%	SD 0%
Mammary Gland: Fibroma, Fibroadenoma,		oma, or Adenoma				0/50 (00)	(201)	2/22 (221)
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%
Mesentery: Hemangioma	•••••							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
Mesentery: Hemangiosarcoma		4/50 (001)	0/50 (00/)	0/50 (00%)		0/50 (00)	0/50 /00/	4/50 (00)
Overall Incidence	Total	1/50 (2%)	0/50 (0%)	0/50 (0%)	Total	0/50 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%

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

^{#:} Denominator is number of animals necropsied

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: 52

			Male			Female				
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: Malignant Fibrous Histiocyt	oma									
		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%		
#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%		
Nose: 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%		
'Nose: Polyp					•••••					
		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%		
Oral Mucosa: Squamous Cell Carcinoma										
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%		

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

^{#:} Denominator is number of animals necropsied

Strain: B6C3F1/N

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

Page: 53

			Male				Female	
#Oral Mucosa, Tongue, F Papilloma Squamous o		jiva:						
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%
Oral Mucosa, Tongue, F		jiva:						
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%
FOral Mucosa, Tongue, F Squamous Cell Carcin		giva: Squamous, or Papilloma 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%
Ovary: Adenocarcinoma, Cys verall Incidence	tadenoma, or Cy	rstadenocarcinoma			Total	1/48 (2%) 4/146 (2.74%)	1/48 (2%) Mean 2.72%	2/50 (4%) SD 1.11%
Ovary: Adenoma						4/40 (00/)	0/40 (00)	0/50 (00/)
Adenoma						1/48 (2%)	0/48 (0%)	0/50 (0%)
					Total	1/146 (0.68%)	Mean 0.69%	SD 1.2%
Overall Incidence Ovary: Cystadenoma					Total	` ,	` ,	(,

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

^{#:} Denominator is number of animals necropsied

Strain: B6C3F1/N

Species: MICE

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 54

Mean 0%

SD 0%

Report Date: 11/07/2024

Route: INHALATION Vehicle: AIR

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** *Ovary: Cystadenoma or Cystadenocarcinoma 1/48 (2%)1/48 (2%)2/50 (4%)Overall Incidence Total 4/146 (2.74%) Mean 2.72% SD 1.11% *Ovary: **Granulosa-Theca Tumor Malignant** 0/48 (0%)0/48 (0%)1/50 (2%)**Overall Incidence** Total 1/146 (0.68%) Mean 0.67% SD 1.15% *Ovary: **Granulosa Cell Tumor Benign** 0/48 (0%)0/48 (0%)0/50 (0%)**Overall Incidence** Total 0/146 (0%) Mean 0% SD 0% *Ovary: Granulosa Cell Tumor, Luteoma, Thecoma, or Sertoli Cell Tumor (Benign, Malignant, NOS) 2/48 (4%)1/48 (2%)2/50 (4%)**Overall Incidence** Total 5/146 (3.42%) Mean 3.42% SD 1.16% *Ovarv: Granulosa Cell Tumor: Benign, Malignant, NOS 0/48 (0%)0/48 (0%)0/50 (0%)**Overall Incidence** Total 0/146 (0%) Mean 0% SD 0% *Ovary: Hemangioma 0/48 (0%)0/48 (0%)0/50 (0%)

Total

0/146 (0%)

Overall Incidence

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 55

Report Date: 11/07/2024

Route: INHALATION Vehicle: AIR

Strain: B6C3F1/N Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male		Female				
Ovary: Hemangiosarcoma		0/40 (00/)	0/40 (00/)	0/50 (00/)		
Overall Incidence	Total	0/48 (0%) 0/146 (0%)	0/48 (0%) Mean 0%	0/50 (0%) SD 0%		
Ovary: Luteoma						
Overall Incidence	Total	2/48 (4%) 5/146 (3.42%)	1/48 (2%) Mean 3.42%	2/50 (4%) SD 1.16%		
Ovary: Teratoma						
Overall Incidence	Total	1/48 (2%) 1/146 (0.68%)	0/48 (0%) Mean 0.69%	0/50 (0%) SD 1.2%		
Ovary: Teratoma (Benign or Malignant), Yolk Sac Carcinoma (Malignant), or Choriocarcinoma (Malignant)						
Overall Incidence	Total	1/48 (2%) 1/146 (0.68%)	0/48 (0%) Mean 0.69%	0/50 (0%) SD 1.2%		
Ovary: Teratoma, Benign or Malignant						
Overall Incidence	Total	1/48 (2%) 1/146 (0.68%)	0/48 (0%) Mean 0.69%	0/50 (0%) SD 1.2%		
Ovary: Thecoma Benign						
Overall Incidence	Total	0/48 (0%) 0/146 (0%)	0/48 (0%) Mean 0%	0/50 (0%) SD 0%		

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

Page: 56

			Male				Female	
Ovary: Thecoma Malignant						0/40 (00/)	0/49 (00/)	0/50 (09/)
Overall Incidence					Total	0/48 (0%) 0/146 (0%)	0/48 (0%) Mean 0%	0/50 (0%) SD 0%
Ovary: Tubulostromal Adenoma	1							
Overall Incidence					Total	0/48 (0%) 0/146 (0%)	0/48 (0%) Mean 0%	0/50 (0%) SD 0%
Ovary: Tubulostromal Carcinom	na					0/40 (00%)	0/40 /00/	0/50 (00/)
Overall Incidence					Total	0/48 (0%) 0/146 (0%)	0/48 (0%) Mean 0%	0/50 (0%) SD 0%
Pancreas: Malignant Fibrous Histio								
Overall Incidence	Total	1/50 (2%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	0/50 (0%) SD 1.15%	Total	0/49 (0%) 0/149 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Pancreas: Mast Cell Tumor								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/49 (0%) 0/149 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Parathyroid Gland: Carcinoma		(45.0)		(00:		o/re /re::		0/00 (00)
Overall Incidence	Total	0/47 (0%) 0/132 (0%)	0/49 (0%) Mean 0%	0/36 (0%) SD 0%	Total	0/46 (0%) 0/129 (0%)	0/47 (0%) Mean 0%	0/36 (0%) SD 0%

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

^{#:} Denominator is number of animals necropsied

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: 57

			Male				Female	
Pituitary Gland: Pars Distali Adenoma	is or Unspec	ified Site:						
		0/50 (0%)	0/49 (0%)	0/50 (0%)		5/50 (10%)	8/48 (17%)	4/50 (8%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	17/148 (11.49%)	Mean 11.56%	SD 4.54%
Pituitary Gland: Pars Distali Carcinoma or Adenoma	is or Unspec	ified Site:						
		0/50 (0%)	0/49 (0%)	0/50 (0%)		5/50 (10%)	8/48 (17%)	4/50 (8%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	17/148 (11.49%)	Mean 11.56%	SD 4.54%
Pituitary Gland: Pars Interm Adenoma	nedia:							
		0/50 (0%)	0/49 (0%)	0/50 (0%)		1/50 (2%)	0/48 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	1/148 (0.68%)	Mean 0.67%	SD 1.15%
Pituitary Gland: Pars Interm Carcinoma or Adenoma								
		0/50 (0%)	0/49 (0%)	0/50 (0%)		1/50 (2%)	0/48 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	1/148 (0.68%)	Mean 0.67%	SD 1.15%
Pituitary Gland: Pars Interm Schwannoma Malignant								
		0/50 (0%)	0/49 (0%)	1/50 (2%)		0/50 (0%)	0/48 (0%)	0/50 (0%)
Overall Incidence	Total	1/149 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/148 (0%)	Mean 0%	SD 0%
Prostate: Hemangiosarcoma								
		0/50 (0%)	0/49 (0%)	0/50 (0%)				
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%				

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

^{#:} Denominator is number of animals necropsied

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: 58

			Male					Female	
*Prostate: Mast Cell Tumor		-1	-1						
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (i SD 0%	0%)				
Salivary Glands: Adenocarcinoma	•••••								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (i SD 0%	0%)	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%
Salivary Glands: Adenoma or Adenocard	cinoma	0/50 (0%)	0/50 (00/)	0/50 //	00()		0/50 (00/)	0/50 (00()	4/50 (00)
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (i SD 0%	0%)	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%
Salivary Glands: Mast Cell Tumor			0/50 (00/)	0/50 //	00()		0/50 (00/)	0/50 (00()	0/50 (00/)
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	SD 0%	0%)	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Seminal Vesicle: Fibroma	•••••								
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	SD 0%	0%)				
Skeletal Muscle: Fibrosarcoma									
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0 SD 0%	0%)	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

^{#:} Denominator is number of animals necropsied

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: 59

			Male			Female				
#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 (00/)	0/50 /00/	4/50 (20/)		4/50 (20()	0/50 (0%)	2/50 (40/)		
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%) 3/150 (2%)	0/50 (0%) Mean 2%	2/50 (4%) SD 2%		
		' '								
#Skeletal Muscle: Rhabdomyosarcoma or F	Rhabdomyoma		0/50 (0%)	1/50 (2%)		1/50 (2%)	0/50 (0%)	2/50 (49/)		
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%) 3/150 (2%)	0/50 (0%) Mean 2%	2/50 (4%) SD 2%		
#Skeletal Muscle: 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%		
#Skin: Basal Cell Adenoma		0/50 (00/)	0/50 /00/	0/50 (00/)		0/50 (00/)	0/50 (00/)	0/50 /00/		
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	0/50 (0%)	Total	0/50 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%		
Overali incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	wean 0%	2D 0%		

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

^{#:} Denominator is number of animals necropsied

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: 60

			Male				Female				
#Skin: Basal or Squamous Cell Carcinoma, Basosquamous Tumor (Malignant or Benign), Basal Cell Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma, Adenoma, Sebaceous Gland Adenoma, or Sebaceous Gland Adenocarcinoma											
		0/50 (0%)	0/50 (0%)	0/50 (09	%)	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%			
		Cell Adenoma, Adenoma r Sebaceous Gland Ader	noma	,		0/50 (00)	0/50 (00)	0/50 (004)			
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (09 SD 0%	%) Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%			
Skin: Fibroma		0/50 (0%)	0/50 (0%)	0/50 (09	 γ)	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: Fibroma or Myxoma		0/50 (00/)	0/50 (00/)	0/50 /00		0/50 (00/)	0/50 (00/)	0/50 (00)			
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (09 SD 0%	‰) Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%			
Skin: Fibroma, Fibrosarcoma	a, Sarcoma, Myxo	oma, Myxosarcoma, or Pl	eomorphic Fibrosarc	oma 1/50 (29	%)	1/50 (2%)	3/50 (6%)	1/50 (2%)			
Overall Incidence	Total	3/150 (2%)	Mean 2%	SD 0%	Total	5/150 (3.33%)	Mean 3.33%	SD 2.31%			
Skin:		oma, Myxosarcoma, Pleo	morphic Fibrosarcom	a, or							
		1/50 (2%)	1/50 (2%)	1/50 (29	,	1/50 (2%)	3/50 (6%)	1/50 (2%)			
Overall Incidence	Total	3/150 (2%)	Mean 2%	SD 0%	Total	5/150 (3.33%)	Mean 3.33%	SD 2.31%			

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

Page: 61

			Male				Female	
#Skin: Fibrosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	2/50 (4%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%	Total	2/150 (1.33%)	Mean 1.33%	SD 2.31%
Skin: Fibrosarcoma, Sarcoma	, Myxosarcoma	a, or Pleomorphic Fibrosa	ırcoma					
·		1/50 (2%)	1/50 (2%)	1/50 (2%)		1/50 (2%)	3/50 (6%)	1/50 (2%)
Overall Incidence	Total	3/150 (2%)	Mean 2%	SD 0%	Total	5/150 (3.33%)	Mean 3.33%	SD 2.31%
#Skin: Hemangioma								
		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: Hemangiosarcoma								
		0/50 (0%)	0/50 (0%)	2/50 (4%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	2/150 (1.33%)	Mean 1.33%	SD 2.31%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
έSkin: 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%
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%

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

^{#:} Denominator is number of animals necropsied

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: 62

			Male			Female			
≇Skin: Melanoma									
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: 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%	
Skin: 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: Pleomorphic Fibrosarcoma									
Overall Incidence	Total	1/50 (2%) 3/150 (2%)	1/50 (2%) Mean 2%	1/50 (2%) SD 0%	Total	1/50 (2%) 2/150 (1.33%)	1/50 (2%) Mean 1.33%	0/50 (0%) SD 1.15%	
Skin: Sarcoma									
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: Schwannoma Malignant								•••••	
Overall Incidence	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%	Total	1/50 (2%) 3/150 (2%)	2/50 (4%) Mean 2%	0/50 (0%) SD 2%	

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

^{#:} Denominator is number of animals necropsied

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: 63

			Male			Female			
#Skin: Sebaceous Gland: Adenoma									
Overell Institutes	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%	
#Spinal Cord: Astrocytoma 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%	
#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									
O	T-1-1	1/50 (2%)	0/50 (0%)	1/50 (2%)	T-1-1	1/50 (2%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%	
#Stomach, Forestomach: Mast Cell Tumor 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%	
#Stomach, Forestomach: Papilloma									
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%	

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

ncidence for Selected Control Animal Gro

Route: INHALATION

Page: 64

Report Date: 11/07/2024

Vehicle: AIR

Length of Study: CHRONIC

			Male				Female					
#Stomach, Forestomach: Squamous Cell Carcinoma or Papilloma Squamous												
		0/50 (0%)	0/50 (0%)	1/50	(2%)		0/50 (0%)	0/50 (0%)	1/50 (2%)			
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%)	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%			
#Stomach, Forestomach: Squamous Cell Papilloma		2/-2 (22)	(00)	./	(22()		0/50 (00)	- (((((((((((22)			
Overall Incidence	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 SD 1.15%	(2%)	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%			
	10tai) 		1/130 (0.07 /8)	ivieaii 0.07 /6	3D 1.13%			
#Stomach, Glandular: 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%			
Stomach, Glandular: Carcinoma or Adenoma		2/22 (224)	2(72 (224)	0.750	(00()		0/50 (00)	2/22 (221)	0.470 (004)			
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%			
							0/130 (0/0)					
Testis: Adenoma												
		0/50 (0%)	0/50 (0%)	0/50	(0%)							
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%								
Testis: Hemangioma												
		0/50 (0%)	0/50 (0%)	0/50	(0%)							
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%								

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

^{#:} Denominator is number of animals necropsied

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: 65

			Male				Female	
*Thymus: Hemangioma								
		0/48 (0%)	0/46 (0%)	0/48 (0%)		1/47 (2%)	0/49 (0%)	0/50 (0%)
Overall Incidence	Total	0/142 (0%)	Mean 0%	SD 0%	Total	1/146 (0.68%)	Mean 0.71%	SD 1.23%
'Thymus: Hemangiosarcoma								
		0/48 (0%)	0/46 (0%)	0/48 (0%)		0/47 (0%)	0/49 (0%)	0/50 (0%)
Overall Incidence	Total	0/142 (0%)	Mean 0%	SD 0%	Total	0/146 (0%)	Mean 0%	SD 0%
*Thymus: Thymoma Benign								2/22
		0/48 (0%)	0/46 (0%)	0/48 (0%)		0/47 (0%)	0/49 (0%)	0/50 (0%)
Overall Incidence	Total	0/142 (0%)	Mean 0%	SD 0%	Total	0/146 (0%)	Mean 0%	SD 0%
Thyroid Gland: C-Cell: Carcinoma								
		0/49 (0%)	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%
'Thyroid Gland: C-Cell: Carcinoma or Adenoma								
		0/49 (0%)	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%
Thyroid Gland: Follicular Cel Adenoma								
		0/49 (0%)	0/50 (0%)	0/50 (0%)		2/50 (4%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	2/150 (1.33%)	Mean 1.33%	SD 2.31%

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

Page: 66

		Male				Female	
	0/49 (0%)	0/50 (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%
	0/49 (0%)	0/50 (0%)	0/50 (0%)		2/50 (4%)	0/50 (0%)	0/50 (0%)
Total	0/149 (0%)	Mean 0%	SD 0%	Total	2/150 (1.33%)	Mean 1.33%	SD 2.31%
r Papillom 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%
	0/50 (0%)	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%	SD 0%
	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 (00/)	0/49 /02/	0/50 (00/)		0/40 (/00/)	0/45 (00/)	0/50 (00/.)
	0/50 (0%)	0/46 (0%)	0/50 (0%)		0/49 (0%)	0/45 (0%)	0/50 (0%)
	Total Total Total Total	0/49 (0%) Total 0/149 (0%) 0/49 (0%) Total 0/149 (0%) r Papilloma Squamous 0/50 (0%) Total 1/150 (0.67%) Total 1/150 (0.67%)	0/49 (0%) 0/50 (0%) Total 0/149 (0%) Mean 0% 0/49 (0%) 0/50 (0%) Total 0/149 (0%) Mean 0% r Papilloma Squamous 0/50 (0%) 0/50 (0%) Total 1/150 (0.67%) Mean 0.67% 0/50 (0%) Mean 0.67% Total 0/50 (0%) 0/50 (0%) Total 1/150 (0.67%) Mean 0.67%	O/49 (0%) O/50 (0%) O/50 (0%) Total O/149 (0%) Mean 0% SD 0% O/49 (0%) O/50 (0%) O/50 (0%) Total O/149 (0%) Mean 0% SD 0% T Papilloma Squamous O/50 (0%) O/50 (0%) 1/50 (2%) Total 1/150 (0.67%) Mean 0.67% SD 1.15% O/50 (0%) O/50 (0%) Total 1/150 (0.67%) Mean 0.67% SD 1.15% Total 0/50 (0%) O/50 (0%) SD 1.15%	O/49 (0%) O/50 (0%) O/50 (0%) Total O/149 (0%) Mean 0% SD 0% Total O/49 (0%) O/50 (0%) O/50 (0%) Total O/149 (0%) Mean 0% SD 0% Total **Papilloma Squamous** O/50 (0%) O/50 (0%) 1/50 (2%) Total 1/150 (0.67%) Mean 0.67% SD 1.15% Total O/50 (0%) O/50 (0%) 1/50 (2%) Total 1/150 (0.67%) Mean 0.67% SD 1.15% Total O/50 (0%) O/50 (0%) 1/50 (2%) Total 1/150 (0.67%) Mean 0.67% SD 1.15% Total	O/49 (0%) O/50 (0%) O/50 (0%) Total 0/149 (0%) Mean 0% SD 0% Total 0/150 (0%) Total 0/49 (0%) 0/50 (0%) 0/50 (0%) 2/50 (4%) Total 0/149 (0%) Mean 0% SD 0% Total 2/150 (1.33%) **Papilloma Squamous **O/50** **O/	Total 0/49 (0%) 0/50 (0%) SD 0% Total 0/50 (0%) 0/50 (0%) Mean 0% Total 0/149 (0%) Mean 0% SD 0% Total 0/150 (0%) Mean 0% Total 0/150 (0%) Mean 0% Total 0/150 (0%) 0/50 (0%) 0/50 (0%) Total 0/149 (0%) Mean 0% Total 0/149 (0%) Mean 0% Total 0/150 (0%) 0/50 (0%) Mean 1.33% **Papilloma Squamous 0/50 (0%) 0/50 (0%) 1/50 (2%) 0/50 (0%) 0/50 (0%) Mean 1.33% **Total 1/150 (0.67%) Mean 0.67% **SD 1.15% Total 0/150 (0%) 0/50 (0%) Mean 0% **Total 1/150 (0.67%) Mean 0.67% **SD 1.15% Total 0/150 (0%) 0/50 (0%) Mean 0% Total 0/150 (0%) Mean 0.67% **SD 1.15% Total 0/150 (0%) Mean 0% **Total 0/150 (0%) Mean 0% Total 0/150 (0%) Mean 0% **Total 0/150 (0%) Mean 0%

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: INHALATION Vehicle: AIR

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Page: 67 Report Date: 11/07/2024

	Male			Female	
Uterus: Adenocarcinoma or Adenoma			0/50 (09/)	0/50 (09/)	0/50 (0%)
verall Incidence		Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Jterus: Adenoma					
overall Incidence		Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Uterus: Fibroma				2/22 (221)	
Overall Incidence		Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Jterus: Granular Cell Tumor Benign					
Overall Incidence		Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
Jterus: Hemangioma					
Overall Incidence		Total	1/50 (2%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	0/50 (0%) SD 1.15%
Uterus: Hemangiosarcoma					
Overall Incidence		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

^{#:} Denominator is number of animals necropsied

Strain: B6C3F1/N

Species: MICE

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 68

Report Date: 11/07/2024

Route: INHALATION Vehicle: AIR

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** *Uterus: Leiomyoma 0/50 (0%)0/50 (0%)0/50 (0%)SD 0% **Overall Incidence** Total 0/150 (0%) Mean 0% *Uterus: Leiomyosarcoma or Leiomyoma 0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/150 (0%) Mean 0% SD 0% *Uterus: **Polyp Stromal** 6/50 (12%) 0/50 (0%)0/50 (0%)**Overall Incidence** Total 6/150 (4%) Mean 4% SD 6.93% *Uterus: Sarcoma 0/50 (0%)0/50 (0%)0/50 (0%)SD 0% **Overall Incidence** Total 0/150 (0%) Mean 0% *Uterus: Sarcoma Stromal or Polyp Stromal 6/50 (12%) 0/50 (0%)0/50 (0%)**Overall Incidence** Total 6/150 (4%) Mean 4% SD 6.93% #Vagina: Hemangioma

0/50

0/149 (0%)

Total

(0%)

0/49

(0%)

Mean 0%

0/50

SD 0%

(0%)

Overall Incidence

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Page: 69

Report Date: 11/07/2024

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 Battelle Columbus Laboratory	050303804 051105402	01/17/12 05/19/15	730 730	50(1) 50(1)	26(683) 34(701)	54.6 56.1	Sodium Tungstate Dihydrate Sulfolane			
	Female									
Battelle Columbus Laboratory Battelle Columbus Laboratory	050303804 051105402	01/16/12 05/18/15	729 728	50(4) 50(4)	38(700) 35(702)	61.6 61.8	Sodium Tungstate Dihydrate Sulfolane			

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:** 70

			Male				Female	
#All Organs: Benign Tumors								
		31/50 (62%)	32/50 (64%)			20/50 (40%)	25/50 (50%)	
Overall Incidence	Total	63/100 (63%)	Mean 63%	SD 1.41%	Total	45/100 (45%)	Mean 45%	SD 7.07%
#All Organs: Malignant Tumors								
		30/50 (60%)	22/50 (44%)			15/50 (30%)	18/50 (36%)	
Overall Incidence	Total	52/100 (52%)	Mean 52%	SD 11.31%	Total	33/100 (33%)	Mean 33%	SD 4.24%
#All Organs: Malignant and Benign Tu	umors	42/50 (84%)	41/50 (82%)			32/50 (64%)	34/50 (68%)	
Overall Incidence	Total	83/100 (83%)	Mean 83%	SD 1.41%	Total	66/100 (66%)	Mean 66%	SD 2.83%
All Organs: Hemangioma		1/50 (2%)	2/50 (4%)			0/50 (0%)	3/50 (6%)	
Overall Incidence	Total	3/100 (3%)	Mean 3%	SD 1.41%	Total	3/100 (3%)	Mean 3%	SD 4.24%
All Organs: Hemangiosarcoma								
-		5/50 (10%)	3/50 (6%)			1/50 (2%)	1/50 (2%)	
Overall Incidence	Total	8/100 (8%)	Mean 8%	SD 2.83%	Total	2/100 (2%)	Mean 2%	SD 0%
#All Organs: Hemangiosarcoma or He	emangioma			•••••				
		6/50 (12%)	4/50 (8%)			1/50 (2%)	4/50 (8%)	
Overall Incidence	Total	10/100 (10%)	Mean 10%	SD 2.83%	Total	5/100 (5%)	Mean 5%	SD 4.24%

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

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

Route: ORAL

Length of Study: CHRONIC

Vehicle: WATER

Page: 71

			Male				Female	
All Organs: Histiocytic Sarcoma								
Overall Incidence	Total	1/50 (2%) 1/100 (1%)	0/50 (0%)	CD 4 440/	Total	2/50 (4%) 4/100 (4%)	2/50 (4%) Mean 4%	SD 0%
overali incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	4/100 (4%)	wean 4%	SD 0%
All Organs: Leukemia: Lymphocytic	c, Monocytic, Ma	ononuclear, or Undifferen	tiated					
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
All Organs: Malignant Lymphoma: Undifferentiated Cell Ty	Histiocytic, Lym ype	phocytic, Mixed, NOS, La				4/50 (00)	E/50 (400V)	
· · · · · · · · · · · · · · · · · · ·	Tatal	5/50 (10%)	2/50 (4%)	OD 4 040/	T-1-1	4/50 (8%)	5/50 (10%)	OD 4 440/
verall Incidence	Total	7/100 (7%)	Mean 7%	SD 4.24%	Total	9/100 (9%)	Mean 9%	SD 1.41%
All Organs: Malignant Schwannom	a	4/50 (001)	0/50 (00)			0(50 (001)	0/50 (00/)	
verall Incidence	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
All Organs:								
Mast Cell Tumor		. (= 0 (00.1)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
		1/50 (2%)	` ,			` '	` ,	
	Total	1/50 (2%) 1/100 (1%)	Mean 1%	SD 1.41%	Total	0/100 (0%)	Mean 0%	SD 0%
Overall Incidence Adrenal Cortex: Adenoma	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total		Mean 0%	SD 0%
Overall Incidence Adrenal Cortex:	Total Total	` '	` ,	SD 1.41%	Total Total	0/100 (0%) 0/50 (0%) 0/98 (0%)	` ,	SD 0% SD 0%

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

^{#:} Denominator is number of animals necropsied

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:** 72

			Male				Female						
*Adrenal Cortex: Carcinoma or Adenoma													
Overall Incidence	Total	1/50 (2%) 1/97 (1.03%)	0/47 (0%) Mean 1%	SD 1.41%	Total	0/50 (0%) 0/98 (0%)	0/48 (0%) Mean 0%	SD 0%					
*Adrenal Medulla: Pheochromocytoma Benign													
Overall Incidence	Total	0/49 (0%) 0/96 (0%)	0/47 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/98 (0%)	0/48 (0%) Mean 0%	SD 0%					
*Adrenal Medulla: Pheochromocytoma Malign	ant	0/49 (0%)	0/47 (0%)			0/50 (0%)	0/48 (0%)						
Overall Incidence	Total	0/96 (0%)	Mean 0%	SD 0%	Total	0/98 (0%)	Mean 0%	SD 0%					
*Adrenal Medulla: Pheochromocytoma: Benig	n, Complex	, Malignant, NOS 0/49 (0%)	0/47 (0%)			0/50 (0%)	0/48 (0%)						
Overall Incidence	Total	0/96 (0%)	Mean 0%	SD 0%	Total	0/98 (0%)	Mean 0%	SD 0%					
#Bone: Fibrosarcoma													
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%					
#Bone: Hemangioma		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (09/)						
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%					

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

^{#:} Denominator is number of animals necropsied

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:** 73

			Male				Female	
#Bone: Hemangiosarcoma								
Overall Incidence	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
#Bone: Osteoma								
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
#Bone: Osteosarcoma								
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
#Bone: Osteosarcoma or Osteoma						0/50 (0%)	0/50 (/0//)	
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
*Bone Marrow: Hemangiosarcoma								
Overall Incidence	Total	2/50 (4%) 2/100 (2%)	0/50 (0%) Mean 2%	SD 2.83%	Total	0/48 (0%) 1/98 (1.02%)	1/50 (2%) Mean 1%	SD 1.41%
*Bone Marrow: Mast Cell Tumor Malignant		1/50 (2%)	0/50 (0%)			0/48 (0%)	0/50 (09/)	
Overall Incidence	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%	Total	0/48 (0%) 0/98 (0%)	0/50 (0%) Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

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: 74

			Male				Female	
*Brain: Meningioma Malignant								
O	T-1-1	0/50 (0%)	0/50 (0%)	00,000	Taral	0/50 (0%)	0/50 (0%)	00, 00/
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
*Brain: Meningioma: Benign, Ma								
0 ,		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
*Clitoral/Preputial Gland: Malignant Fibrous Histio	cytoma	0/49 (0%)	0/50 (0%)			0/49 (0%)	0/43 (0%)	
Overall Incidence	Total	0/99 (0%)	Mean 0%	SD 0%	Total	0/92 (0%)	Mean 0%	SD 0%
*Clitoral/Preputial Gland: Mast Cell Tumor		0/49 (0%)	0/50 (0%)			0/49 (0%)	0/43 (0%)	
Overall Incidence	Total	0/99 (0%)	Mean 0%	SD 0%	Total	0/92 (0%)	Mean 0%	SD 0%
*Epididymis: Mast Cell Tumor								
		0/50 (0%)	0/50 (0%)					
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%				
#Harderian Gland: Adenocarcinoma		(Jan (Jan)					(20)	
Overall Instidence	Tatal	1/50 (2%)	1/50 (2%)	CD 00/	Tatal	0/50 (0%)	0/50 (0%)	CD 00/
Overall Incidence	Total	2/100 (2%)	Mean 2%	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

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:** 75

			Male				Female	
#Harderian Gland: Adenoma								
		2/50 (4%)	5/50 (10%)			1/50 (2%)	1/50 (2%)	
Overall Incidence	Total	7/100 (7%)	Mean 7%	SD 4.24%	Total	2/100 (2%)	Mean 2%	SD 0%
#Harderian Gland: Adenoma or Adenocarcine	oma							
		3/50 (6%)	6/50 (12%)			1/50 (2%)	1/50 (2%)	
Overall Incidence	Total	9/100 (9%)	Mean 9%	SD 4.24%	Total	2/100 (2%)	Mean 2%	SD 0%
#Harderian Gland: Mast Cell Tumor			- /					
Overell Incidence	Tatal	0/50 (0%)	0/50 (0%)	CD 00/	Tatal	0/50 (0%)	0/50 (0%)	CD 00/
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Intestine Large: Cecum: Leiomyoma		0.750 (001)	2(72 (224)			2(22)	(00)	
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
		` '				0/100 (0 %)		
#Intestine Small: Any Site: Adenocarcinoma								
		0/50 (0%)	0/50 (0%)			0/50 (0%)	2/50 (4%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	2/100 (2%)	Mean 2%	SD 2.83%
#Intestine Small: Any Site: Adenoma								
		0/50 (0%)	3/50 (6%)	05		0/50 (0%)	0/50 (0%)	00.00
Overall Incidence	Total	3/100 (3%)	Mean 3%	SD 4.24%	Total	0/100 (0%)	Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

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:** 76

			Male				Female					
#Intestine Small: Any Site: Adenoma or Adenocarcinoma												
		0/50 (0%)	3/50 (6%)			0/50 (0%)	2/50 (4%)					
Overall Incidence	Total	3/100 (3%)	Mean 3%	SD 4.24%	Total	2/100 (2%)	Mean 2%	SD 2.83%				
#Intestine Small: Duodenum: Adenocarcinoma												
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%				
Overali incidence	Total	0/100 (0%)	wean 0%	SD 0%	ıotaı	0/100 (0%)	wean u%	SD 0%				
#Intestine Small: Duodenum: Adenoma												
		0/50 (0%)	1/50 (2%)			0/50 (0%)	0/50 (0%)					
Overall Incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	0/100 (0%)	Mean 0%	SD 0%				
#Intestine Small: Ileum: Adenoma		0/50 (00/)	0/50 (0%)			0/50 (00/)	0/50 (00/)					
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%				
#Intestine Small: Jejunum: Adenocarcinoma												
		0/50 (0%)	0/50 (0%)			0/50 (0%)	2/50 (4%)					
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	2/100 (2%)	Mean 2%	SD 2.83%				
#Intestine Small: Jejunum: Adenoma												
Occupation of the second	T-1-1	0/50 (0%)	2/50 (4%)	00.000/	Taral	0/50 (0%)	0/50 (0%)	OD 00/				
Overall Incidence	Total	2/100 (2%)	Mean 2%	SD 2.83%	Total	0/100 (0%)	Mean 0%	SD 0%				

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER Page: 77

			Male		0/48 (0%) 0/50 (0%) Total 0/98 (0%) Mean 0% SD 0% 0/48 (0%) 0/50 (0%) Total 0/98 (0%) Mean 0% SD 0%			
#Intestine Small: Jejunum: Mast Cell Tumor								
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	` '		SD 0%
*Islets, Pancreatic: Adenoma								
Overall Incidence	Total	1/47 (2%) 1/97 (1.03%)	0/50 (0%) Mean 1.06%	SD 1.5%	Total	()	` ,	SD 0%
*Islets, Pancreatic:						······		
Carcinoma								
Overall Incidence	Total	0/47 (0%) 0/97 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	` '	` '	SD 0%
*Islets, Pancreatic:		·····				······		
Carcinoma or Adenoma								
Overall Incidence	Total	1/47 (2%) 1/97 (1.03%)	0/50 (0%) Mean 1.06%	SD 1.5%	Total	` '	` ,	SD 0%
*Kidney: Renal Tubule:							•••••	
Adenoma		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Carcinoma or Adenoma								
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
Overall incluence	rotai	0/100 (0%)	iviean 0%	3D 0%	Total	0/100 (0%)	iviean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER **Page:** 78

			Male				Female	
*Kidney: Renal Tubule: Hemangiosarcoma					0/50 (0%) 0/50 (0%) Total 0/100 (0%) Mean 0% 0/50 (0%) 0/50 (0%) Total 0/100 (0%) Mean 0% 0/50 (0%) 0/50 (0%) Total 0/100 (0%) Mean 0% 0/50 (0%) 1/50 (2%) Total 1/100 (1%) Mean 1% S 0/50 (0%) 0/50 (0%) Total 0/100 (0%) Mean 0%			
Overall Incidence	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%	Total	` '	()	SD 0%
				JD 1.4170		0/100 (0/8)		
*Kidney: Renal Tubule: Mast Cell Tumor								
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	` ,	` ,	SD 0%
*Kidney: Renal Tubule: Renal Mesenchymal Tumor		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	` ,	` ,	SD 0%
*Liver: Cholangiocarcinoma								
Overall Incidence	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%	Total	, ,	` '	SD 1.41%
*Liver: Hemangioma								
		1/50 (2%)	2/50 (4%)			` '	` ,	
Overall Incidence	Total	3/100 (3%)	Mean 3%	SD 1.41%	Total	0/100 (0%)	Mean 0%	SD 0%
*Liver: Hemangiosarcoma		0/50 /460	0/50 (051)			0/50 (00)	0/50 (00/)	
Overall Incidence	Total	2/50 (4%) 5/100 (5%)	3/50 (6%) Mean 5%	SD 1.41%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

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**: 79

			Male		2/50 (4%) 2/50 (4%) 4/100 (4%) Mean 4% SD 0%			
*Liver: Hepatoblastoma								
		4/50 (8%)	7/50 (14%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	11/100 (11%)	Mean 11%	SD 4.24%	Total	0/100 (0%)	Mean 0%	SD 0%
*Liver: Hepatocellular Adenoma	a							
		26/50 (52%)	22/50 (44%)			11/50 (22%)	10/50 (20%)	
Overall Incidence	Total	48/100 (48%)	Mean 48%	SD 5.66%	Total	21/100 (21%)	Mean 21%	SD 1.41%
*Liver: Hepatocellular Carcinon	na							
		15/50 (30%)	11/50 (22%)	25		` '	` ,	22.00/
Overall Incidence	Total	26/100 (26%)	Mean 26%	SD 5.66%	Total	, ,		
*Liver: Hepatocellular Carcinon	na or Hepatobla	astoma						
•	•	17/50 (34%)	18/50 (36%)			2/50 (4%)	2/50 (4%)	
Overall Incidence	Total	35/100 (35%)	Mean 35%	SD 1.41%	Total	, ,	Mean 4%	SD 0%
*Liver: Hepatocellular Carcinon								
		33/50 (66%)	30/50 (60%)			13/50 (26%)	11/50 (22%)	
Overall Incidence	Total	63/100 (63%)	Mean 63%	SD 4.24%	Total	24/100 (24%)	Mean 24%	SD 2.83%
*Liver: Hepatocellular Carcinon	na, Hepatocellu	ılar Adenoma, or Hepatob 34/50 (68%)	lastoma 36/50 (72%)			13/50 (26%)	11/50 (22%)	
Overall Incidence	Total	70/100 (70%)	Mean 70%	SD 2.83%	Total	24/100 (24%)	Mean 24%	SD 2.83%

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

^{#:} Denominator is number of animals necropsied

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: 80

			Male				Female	
*Liver: Hepatocholangiocarcino	ma							
		0/50 (0%)	1/50 (2%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	0/100 (0%)	Mean 0%	SD 0%
*Liver: Ito Cell Tumor Benign								
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
*Liver: Mast Cell Tumor		2/22 (221)	0/50			2/22 (221)	2/22	
Overall Insidence	Tatal	0/50 (0%)	0/50 (0%)	CD 00/	Tatal	0/50 (0%)	0/50 (0%)	CD 00/
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
*Lung: Alveolar/Bronchiolar Ade	enoma							
Overall Incidence	Total	5/50 (10%) 14/100 (14%)	9/50 (18%) Mean 14%	SD 5.66%	Total	2/50 (4%) 2/100 (2%)	0/50 (0%) Mean 2%	SD 2.83%
*Lung: Alveolar/Bronchiolar Car	cinoma							
		2/50 (4%)	1/50 (2%)			2/50 (4%)	2/50 (4%)	
Overall Incidence	Total	3/100 (3%)	Mean 3%	SD 1.41%	Total	4/100 (4%)	Mean 4%	SD 0%
*Lung:		eolar/Bronchiolar Adenor 7/50 (14%)				4/50 (8%)	2/50 (4%)	
Overall Incidence	Total	17/100 (17%)	Mean 17%	SD 4.24%	Total	6/100 (6%)	Mean 6%	SD 2.83%

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

^{#:} Denominator is number of animals necropsied

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: 81

			Male	fale Female				
*Lung: Hemangiosarcoma								
		0/50 (0%)	0/50 (0%)	05.00/		0/50 (0%)	0/50 (0%)	25
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
*Lung: Mast Cell Tumor								
		0/50 (0%)	0/50 (0%)	25		0/50 (0%)	0/50 (0%)	25 /
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Lymph Node: Hemangiosarcoma			2/52 (22)				(00)	
Overall Incidence	Tatal	0/50 (0%)	0/50 (0%)	CD 00/	Tatal	0/50 (0%)	0/50 (0%)	CD 00/
Overali incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Lymph Node: Mast Cell Tumor		0/50 (0%)	0/50 (09/)			0/50 (0%)	0/50 /09/\	
Overall Incidence	Total	0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
#Lymph Node, Axillary: Hemangioma								
		0/50 (0%)	0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
#Lymph Node, Mandibular: Hemangiosarcoma		0/50 (00/)	0/50 /00/			0/50 /00/	0/50 (09/)	
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
Overall incluence	ı olal	0/100 (0%)	IVICALI U70	JD 0%	TOLAI	0/100 (0%)	IVICALI U%	3D 0/0

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

^{#:} Denominator is number of animals necropsied

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: 82

			Male				Female	
#Lymph Node, Mandibular: Mast Cell Tumor								
Overall Incidence	Total	0/50 (0%) 0/100 (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 Malignant								
Overall Incidence	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
#Lymph Node, Mesenteric: Hemangioma								
Overall Incidence	Total	0/50 (0%) 0/100 (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 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Lymph Node, Mesenteric: Mast Cell Tumor Malignant								
Overall Incidence	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
#Mammary Gland: Adenocarcinoma		0/50 (00/)	0/50 /05()			4/50 (00)	0/50 (00/)	
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%

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

^{#:} Denominator is number of animals necropsied

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:** 83

			Male			1/50 (2%) 0/50 (0%) Total 1/100 (1%) Mean 1% SD 1.4 0/50 (0%) 0/50 (0%) Total 0/100 (0%) Mean 0% SD 0/ 1/50 (2%) 0/50 (0%) Total 1/100 (1%) Mean 1% SD 1.4			Female			
#Mammary Gland: Adenoma												
		0/50 (0%)	0/50 (0%)			` '	` ,					
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%				
#Mammary Gland: Adenoma or Adenocard	inoma											
		0/50 (0%)	0/50 (0%)			` ,	` ,					
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%				
#Mammary Gland: Fibroma, Fibroadenoma	a or Adenoma	0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)					
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	, ,	` '	SD 0%				
#Mammary Gland: Fibroma, Fibroadenoma		ma, or Adenoma				4/50 (00/)	0/50 (00)					
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	, ,	` '	SD 1.41%				
#Mesentery: Hemangioma												
		0/50 (0%)	0/50 (0%)			` ,	` ,					
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%				
#Mesentery: Hemangiosarcoma		1/50 (2%)	0/50 (0%)			0/50 (0%)	0/50 (0%)					
Overall Incidence	Total	1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%				

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

^{#:} Denominator is number of animals necropsied

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:** 84

			Male				Female	
#Mesentery: Lipoma								
		0/50 (0%)	0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
#Mesentery: Malignant Fibrous Histiocyt	toma							
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Mesentery: Sarcoma								
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
*Nose: Carcinoma								
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
*Nose: Polyp								
		0/50 (0%)	1/50 (2%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	0/100 (0%)	Mean 0%	SD 0%
#Oral Mucosa: Squamous Cell Carcinoma								
		0/50 (0%)	0/50 (0%)	05.00/		0/50 (0%)	0/50 (0%)	03 .00/
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

Page: 85

Report Date: 11/07/2024

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

Route: ORAL Vehicle: WATER

Length of Study: CHRONIC

Male **Female #Oral Mucosa, Tongue, Pharynx, or Gingiva:** Papilloma Squamous or Papilloma 0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)**Overall Incidence** Total 0/100 (0%) Mean 0% SD 0% Total 1/100 (1%) Mean 1% SD 1.41% #Oral Mucosa, Tongue, Pharynx, or Gingiva: **Squamous Cell Carcinoma** 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/100 (0%) Mean 0% SD 0% Total 0/100 (0%) Mean 0% SD 0% #Oral Mucosa, Tongue, Pharynx, or Gingiva: Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma 0/50 0/50 (0%)1/50 (2%)0/50 (0%)**Overall Incidence** Total 0/100 (0%) Mean 0% SD 0% Total 1/100 (1%) Mean 1% SD 1.41% *Ovary: Adenocarcinoma, Cystadenoma, or Cystadenocarcinoma 3/49 (6%)3/48 (6%)**Overall Incidence** Total 6/97 (6.19%) Mean 6.19% SD 0.09% *Ovary: Adenoma 0/49 (0%)0/48 (0%)**Overall Incidence** Total 0/97 (0%) Mean 0% SD 0%

3/49

6/97 (6.19%)

Total

(6%)

3/48

(6%)

SD 0.09%

Mean 6.19%

*Ovary:

Cystadenoma

Overall Incidence

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

^{#:} Denominator is number of animals necropsied

Strain: B6C3F1/N

Species: MICE

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 86

Report Date: 11/07/2024

Route: ORAL Vehicle: WATER

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** *Ovary: Cystadenoma or Cystadenocarcinoma 3/49 (6%)3/48 (6%)Overall Incidence Total 6/97 (6.19%) Mean 6.19% SD 0.09% *Ovary: **Granulosa-Theca Tumor Malignant** 0/49 (0%)0/48 (0%)**Overall Incidence** Total 0/97 (0%) Mean 0% SD 0% *Ovary: **Granulosa Cell Tumor Benign** 0/49 (0%)0/48 (0%)**Overall Incidence** Total 0/97 (0%) Mean 0% SD 0% *Ovary: Granulosa Cell Tumor, Luteoma, Thecoma, or Sertoli Cell Tumor (Benign, Malignant, NOS) 1/49 (2%)1/48 (2%)**Overall Incidence** Total 2/97 (2.06%) Mean 2.06% SD 0.03% *Ovary: Granulosa Cell Tumor: Benign, Malignant, NOS 0/49 (0%)0/48 (0%)**Overall Incidence** Total 0/97 (0%) Mean 0% SD 0% *Ovary: Hemangioma (0%) 0/49 2/48 (4%)**Overall Incidence** Mean 2.08% SD 2.95% Total 2/97 (2.06%)

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

^{#:} Denominator is number of animals necropsied

Strain: B6C3F1/N

Species: MICE

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 87

Report Date: 11/07/2024

Route: ORAL Vehicle: WATER

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** *Ovary: Hemangiosarcoma 0/49 (0%)0/48 (0%)**Overall Incidence** Total 0/97 (0%) Mean 0% SD 0% *Ovary: Luteoma 1/49 (2%)0/48 (0%)**Overall Incidence** Total 1/97 (1.03%) Mean 1.02% SD 1.44% *Ovary: **Teratoma** 0/49 (0%)0/48 (0%)**Overall Incidence** Total 0/97 (0%) Mean 0% SD 0% *Ovary: Teratoma (Benign or Malignant), Yolk Sac Carcinoma (Malignant), or Choriocarcinoma (Malignant) (0%)0/49 0/48 (0%)**Overall Incidence** Total 0/97 (0%) Mean 0% SD 0% *Ovary: Teratoma, Benign or Malignant (0%) 0/49 0/48 (0%)Overall Incidence Total 0/97 (0%) Mean 0% SD 0% *Ovary: Thecoma Benign 0/49 (0%)1/48 (2%)**Overall Incidence** Total 1/97 (1.03%) Mean 1.04% SD 1.47%

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Page: 88 Report Date: 11/07/2024

			Male				Female	
*Ovary: Thecoma Malignant						0/40 (00/)	0/40 (00%)	
Overall Incidence					Total	0/49 (0%) 0/97 (0%)	0/48 (0%) Mean 0%	SD 0%
*Ovary: Tubulostromal Adenoma								
Overall Incidence					Total	0/49 (0%) 0/97 (0%)	0/48 (0%) Mean 0%	SD 0%
*Ovary: Tubulostromal Carcinom								
Overall Incidence					Total	0/49 (0%) 1/97 (1.03%)	1/48 (2%) Mean 1.04%	SD 1.47%
*Pancreas: Malignant Fibrous Histio	cytoma	0/50 (00/)	0/50 (00/)			0/50 (00/)	0/50 (00/)	
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
*Pancreas: Mast Cell Tumor		•••••				•••••		
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
*Parathyroid Gland: Carcinoma								
Overall Incidence	Total	0/44 (0%) 0/82 (0%)	0/38 (0%) Mean 0%	SD 0%	Total	0/45 (0%) 0/80 (0%)	0/35 (0%) Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

Strain: B6C3F1/N

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Page: 89

Report Date: 11/07/2024

Species: MICE

Route: ORAL Vehicle: WATER

Length of Study: CHRONIC

			Male				Female	
*Pituitary Gland: Pars Dista Adenoma	alis or Unspeci	fied Site:						
		0/48 (0%)	0/43 (0%)			2/50 (4%)	7/46 (15%)	
Overall Incidence	Total	0/91 (0%)	Mean 0%	SD 0%	Total	9/96 (9.38%)	Mean 9.61%	SD 7.93%
*Pituitary Gland: Pars Dista Carcinoma or Adenoma	alis or Unspeci	fied Site:						
		0/48 (0%)	0/43 (0%)			2/50 (4%)	7/46 (15%)	
Overall Incidence	Total	0/91 (0%)	Mean 0%	SD 0%	Total	9/96 (9.38%)	Mean 9.61%	SD 7.93%
*Pituitary Gland: Pars Inter Adenoma								
		0/48 (0%)	0/43 (0%)			0/50 (0%)	1/46 (2%)	
Overall Incidence	Total	0/91 (0%)	Mean 0%	SD 0%	Total	1/96 (1.04%)	Mean 1.09%	SD 1.54%
*Pituitary Gland: Pars Inter Carcinoma or Adenoma	media:							
		0/48 (0%)	0/43 (0%)			0/50 (0%)	1/46 (2%)	
Overall Incidence	Total	0/91 (0%)	Mean 0%	SD 0%	Total	1/96 (1.04%)	Mean 1.09%	SD 1.54%
*Pituitary Gland: Pars Inter Schwannoma Malignant	media:							
_		0/48 (0%)	0/43 (0%)			0/50 (0%)	0/46 (0%)	
Overall Incidence	Total	0/91 (0%)	Mean 0%	SD 0%	Total	0/96 (0%)	Mean 0%	SD 0%
*Prostate: Hemangiosarcoma	•••••							
-		0/50 (0%)	0/50 (0%)					
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%				

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

^{#:} Denominator is number of animals necropsied

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: 90

			Male				Female	
*Prostate: Mast Cell Tumor								
		0/50 (0%)	0/50 (0%)					
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%				
*Salivary Glands: Adenocarcinoma								
		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%
*Salivary Glands: Adenoma or Adenocard	cinoma	0/50 (09/)	0/50 (00/)			0/50 (0%)	0/50 (09/)	
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
		` ,						
*Salivary Glands: Mast Cell Tumor		0/50 (00/)	0/50 (00/)			0/50 (00/)	0/50 (00/)	
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
		, ,				` '		
#Seminal Vesicle: Fibroma								
		0/50 (0%)	0/50 (0%)					
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%				
#Skeletal Muscle: Fibrosarcoma								
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

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:** 91

		Male				Female	
Total	1/50 (2%)	0/50 (0%)	CD 4 440/	Total	0/50 (0%)	0/50 (0%)	SD 0%
	(,				` '		
	2/22 (221)	2(20)			(201)	2/52 (224)	
Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
Total	0/50 (0%) 2/100 (2%)	2/50 (4%) Mean 2%	SD 2.83%	Total	0/50 (0%) 1/100 (1%)	1/50 (2%) Mean 1%	SD 1.41%
					0/50 (0%)	1/50 (29/)	
Total	2/100 (2%)	Mean 2%	SD 2.83%	Total	1/100 (1%)	Mean 1%	SD 1.41%
	0/50 (0%)	0/50 (0%)			1/50 (2%)	0/50 (0%)	
Total	0/100 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
	0/50 (00/)	0/50 /00/			0/50 (00%)	0/50 /00/	
Total	` '	` ,	SD 0%	Total	` '	` ,	SD 0%
	Total Total habdomyoma Total	Total 1/100 (1%) O/50 (0%) Total 0/100 (0%) O/50 (0%) Total 2/100 (2%) habdomyoma O/50 (0%) Total 2/100 (2%) Total 0/50 (0%) Total 0/100 (0%)	1/50 (2%) 0/50 (0%) Total 1/100 (1%) Mean 1% 0/50 (0%) 0/50 (0%) Total 0/100 (0%) Mean 0% 0/50 (0%) 2/50 (4%) Total 2/100 (2%) Mean 2% habdomyoma 0/50 (0%) 2/50 (4%) Total 2/100 (2%) Mean 2% 10/50 (0%) 0/50 (0%) Total 0/100 (0%) Mean 0%	Total 1/50 (2%) 0/50 (0%) Total 1/100 (1%) Mean 1% SD 1.41% 0/50 (0%) 0/50 (0%) Total 0/100 (0%) Mean 0% SD 0% Total 2/100 (2%) Mean 2% SD 2.83% habdomyoma 0/50 (0%) 2/50 (4%) Total 2/100 (2%) Mean 2% SD 2.83% Total 2/100 (2%) Mean 2% SD 2.83% Total 0/50 (0%) 0/50 (0%) Total 0/100 (0%) Mean 0% SD 0%	Total 1/100 (2%) 0/50 (0%) Total 1/100 (1%) Mean 1% SD 1.41% Total 0/50 (0%) 0/50 (0%) Total 0/100 (0%) Mean 0% SD 0% Total 0/50 (0%) 2/50 (4%) Total 2/100 (2%) Mean 2% SD 2.83% Total habdomyoma 0/50 (0%) 2/50 (4%) Total 2/100 (2%) Mean 2% SD 2.83% Total 1	1/50 (2%) 0/50 (0%) Mean 1% SD 1.41% Total 0/100 (0%) Total 1/100 (1%) Mean 1% SD 1.41% Total 0/100 (0%) Total 0/100 (0%) 0/50 (0%) SD 0% Total 0/100 (0%) Total 2/100 (2%) Mean 2% SD 2.83% Total 1/100 (1%) habdomyoma 0/50 (0%) 2/50 (4%) Total 2/100 (2%) Mean 2% SD 2.83% Total 1/100 (1%) Total 0/50 (0%) SD 2.83% Total 1/100 (1%) Total 0/50 (0%) Mean 2% SD 2.83% Total 1/100 (1%)	1/50 (2%)

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Page: 92 Report Date: 11/07/2024

Species: MICE Strain: B6C3F1/N Route: ORAL Vehicle: WATER

Length of Study: CHRONIC

			Male				Female				
#Skin: Basal or Squamous Cell Carcinoma, Basosquamous Tumor (Malignant or Benign), Basal Cell Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma, Adenoma, Sebaceous Gland Adenoma, or Sebaceous Gland Adenocarcinoma											
		0/50 (0%)	1/50 (2%)			0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	0/100 (0%)	Mean 0%	SD 0%			
		Cell Adenoma, Adenoma r Sebaceous Gland Ader	ioma	lloma,		0/50 (0%)	0/50 (00/)				
Overall Incidence	Total	0/50 (0%) 1/100 (1%)	1/50 (2%) Mean 1%	SD 1.41%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%			
Skin: Fibroma		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (09/)				
Overall Incidence	Total	0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%			
Skin: Fibroma or Myxoma		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)				
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%			
#Skin:		oma, Myxosarcoma, or Pl 0/50 (0%)				1/50 (2%)	3/50 (6%)				
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	4/100 (4%)	Mean 4%	SD 2.83%			
#Skin: Fibroma, Fibrosarcoma Hemangiopericytoma		oma, Myxosarcoma, Pleo				1/50 (2%)	3/50 (6%)				
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	4/100 (4%)	Mean 4%	SD 2.83%			

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER **Page:** 93

			Male				Female	
#Skin: Fibrosarcoma								
		0/50 (0%)	0/50 (0%)			0/50 (0%)	3/50 (6%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	3/100 (3%)	Mean 3%	SD 4.24%
#Skin: Fibrosarcoma, Sarcom	a. Myxosarcoma	, or Pleomorphic Fibrosa	rcoma					
i ibi oodi ooma, odi oom	u, myxoou.ooma	0/50 (0%)	0/50 (0%)			1/50 (2%)	3/50 (6%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	4/100 (4%)	Mean 4%	SD 2.83%
#Skin: Hemangioma		0/50 (00/)	0/50 (00/)			0/50 (00/)	0/50 (00/)	
Overall Incidence	Tatal	0/50 (0%)	0/50 (0%)	CD 00/	Tatal	0/50 (0%)	0/50 (0%)	CD 00/
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Skin: Hemangiosarcoma		-4						
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 1/100 (1%)	1/50 (2%) Mean 1%	SD 1.41%
#Skin: Lipoma								
-		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Skin: Liposarcoma								
		0/50 (0%)	0/50 (0%)	05 00/		1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%

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

^{#:} Denominator is number of animals necropsied

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:** 94

			Male				Female	
#Skin: Melanoma								
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 1/100 (1%)	1/50 (2%) Mean 1%	SD 1.41%
#Skin: Osteosarcoma								
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
#Skin: Pilomatrixoma								
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
#Skin: Pleomorphic Fibrosarcoma						4/50 (00/)	0/50 (00/)	
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%
#Skin: Sarcoma								
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
#Skin: Schwannoma Malignant		0/50 (00/)	0/50 /00/			0/50 (00/)	0/50 (00/)	
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER **Page:** 95

			Male				Female	
#Skin: Sebaceous Gland: Adenoma								
		0/50 (0%)	1/50 (2%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	0/100 (0%)	Mean 0%	SD 0%
#Spinal Cord: Astrocytoma Malignant								
	-	0/50 (0%)	0/50 (0%)	00.00/	-	0/50 (0%)	0/50 (0%)	00.00/
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Spinal Cord: Schwannoma Malignant		4/50 (00)	0/50 (00/)			0/50 (00/)	0(50 (00))	
Overall Incidence	Total	1/50 (2%)	0/50 (0%) Mean 1%	CD 4 440/	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%
	Total	1/100 (1%)		SD 1.41%	Total	0/100 (0%)	iviean 0%	טיי עכ
*Spleen: Hemangiosarcoma		4/49 (8%)	0/49 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	4/98 (4.08%)	Mean 4.08%	SD 5.77%	Total	0/100 (0%)	Mean 0%	SD 0%
#Stomach, Forestomach: Mast Cell Tumor Malignant								
		1/50 (2%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	0/100 (0%)	Mean 0%	SD 0%
#Stomach, Forestomach: Papilloma			(A.S.)			0.50	(00)	
Occupation of days as	T-1-1	0/50 (0%)	0/50 (0%)	OD 00/	T-1-1	0/50 (0%)	0/50 (0%)	OD 00/
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE
Strain: B6C3F1/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER **Page:** 96

			Male				Female	
#Stomach, Forestomach: Squamous Cell Carcinoma	a or Papillom	a Squamous						
		0/50 (0%)	0/50 (0%)			1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
#Stomach, Forestomach: Squamous Cell Papilloma								
		0/50 (0%)	0/50 (0%)			1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
#Stomach, Glandular: Adenoma								
		0/50 (0%)	0/50 (0%)	05 00/		0/50 (0%)	0/50 (0%)	05.00/
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
#Stomach, Glandular: Carcinoma or Adenoma		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
*Testis: Adenoma								
		0/50 (0%)	1/50 (2%)					
Overall Incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%				
*Testis: Hemangioma								
		0/50 (0%)	0/50 (0%)	05 00/				
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%				

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

^{#:} Denominator is number of animals necropsied

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:** 97

			Male				Female	
*Thymus: Hemangioma								
Overell Institutes	Tatal	0/45 (0%)	0/46 (0%)	CD 00/	Tatal	0/49 (0%)	0/47 (0%)	CD 00/
Overall Incidence	Total	0/91 (0%)	Mean 0%	SD 0%	Total	0/96 (0%)	Mean 0%	SD 0%
*Thymus: Hemangiosarcoma								
Occupil to all towards	T-1-1	0/45 (0%)	1/46 (2%)	OD 4 540/	T-1-1	0/49 (0%)	0/47 (0%)	OD 00/
Overall Incidence	Total	1/91 (1.1%)	Mean 1.09%	SD 1.54%	Total	0/96 (0%)	Mean 0%	SD 0%
*Thymus: Thymoma Benign		0/45 (00/)	0/40 (00/)			0/40 (00)	4/47 (00/)	
Overall Incidence	Total	0/45 (0%) 0/91 (0%)	0/46 (0%) Mean 0%	SD 0%	Total	0/49 (0%) 1/96 (1.04%)	1/47 (2%) Mean 1.06%	SD 1.5%
		` '			ı Olal	1/90 (1.04%)		
*Thyroid Gland: C-Cell: Carcinoma								
	.	0/50 (0%)	0/50 (0%)	00.00/	T	0/49 (0%)	0/48 (0%)	00.00/
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/97 (0%)	Mean 0%	SD 0%
*Thyroid Gland: C-Cell: Carcinoma or Adenoma								
		0/50 (0%)	0/50 (0%)			0/49 (0%)	0/48 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/97 (0%)	Mean 0%	SD 0%
*Thyroid Gland: Follicular Ce Adenoma								
	.	0/50 (0%)	0/50 (0%)	00.00/	-	1/49 (2%)	1/49 (2%)	00.00/
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	2/98 (2.04%)	Mean 2.04%	SD 0%

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

^{#:} Denominator is number of animals necropsied

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:** 98

			Male				Female	
*Thyroid Gland: Follicular Cell Carcinoma	l:							
		0/50 (0%)	0/50 (0%)			0/49 (0%)	0/49 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/98 (0%)	Mean 0%	SD 0%
*Thyroid Gland: Follicular Cell Carcinoma or Adenoma	l:							
		0/50 (0%)	0/50 (0%)			1/49 (2%)	1/49 (2%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	2/98 (2.04%)	Mean 2.04%	SD 0%
#Tongue: Squamous Cell Carcinoma o	or Papillom	0/50 (0%)	0/50 (0%)			1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
#Tongue: Squamous Cell Papilloma		0/50 (0%)	0/50 (0%)			1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
#Tooth: Odontoma								
		1/50 (2%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	0/100 (0%)	Mean 0%	SD 0%
*Urinary Bladder: Mast Cell Tumor		2(52)	(201)				(00)	
Overall Institutes	Tatal	0/50 (0%)	0/50 (0%)	CD 00/	Tatal	0/50 (0%)	0/49 (0%)	CD 00/
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/99 (0%)	Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Report Date: 11/07/2024 Route: ORAL Vehicle: WATER

Page: 99

	Male			Female	
*Uterus: Adenocarcinoma or Adenoma			0/50 (0%)	4/50 (20()	
Overall Incidence		Total	0/50 (0%) 1/100 (1%)	1/50 (2%) Mean 1%	SD 1.41%
*Uterus: Adenoma			2(-2)	(
Overall Incidence		Total	0/50 (0%) 1/100 (1%)	1/50 (2%) Mean 1%	SD 1.41%
*Uterus: Fibroma					
Overall Incidence		Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
*Uterus: Granular Cell Tumor Benign			0/50 (0%)	0/50 (0%)	
Overall Incidence		Total	0/100 (0%)	Mean 0%	SD 0%
*Uterus: Hemangioma					
Overall Incidence		Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
*Uterus: Hemangiosarcoma				(20)	
Overall Incidence		Total	1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1%	SD 1.41%

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: WATER

Length of Study: CHRONIC

Contract/Lab: All Laboratories

trol Animal Groups Report Date: 11/07/2024

Page: 100

	Male		Female
*Uterus: Leiomyoma		0/50 (00/)	0/50 (00)
Overall Incidence	Tota	` '	0/50 (0%) Mean 0% SD 0%
*Uterus: Leiomyosarcoma or Leiomyoma			
Overall Incidence	Tota		0/50 (0%) Mean 0% SD 0%
*Uterus: Polyp Stromal			
Overall Incidence	Tota	0/50 (0%) al 0/100 (0%)	0/50 (0%) Mean 0% SD 0%
*Uterus: Sarcoma		0/50 (09/)	0/50 (00()
Overall Incidence	Tota	` '	0/50 (0%) Mean 0% SD 0%
*Uterus: Sarcoma Stromal or Polyp Stromal			
Overall Incidence	Tota		0/50 (0%) Mean 0% SD 0%
#Vagina: Hemangioma			
Overall Incidence	Tota	` '	0/50 (0%) Mean 0% SD 0%

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

^{#:} Denominator is number of animals necropsied

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: 101

Report Date: 11/07/2024

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	052071204	10/25/11	731	50(1)	39(701)	50.0	Tris(Chloropropyl)phosphate
					Female		
Battelle Columbus Laboratory	052071204	10/24/11	729	50(4)	46(726)	51.9	Tris(Chloropropyl)phosphate

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Route: ORAL

Page: 102

Report Date: 11/07/2024

Vehicle: FEED

Length of Study: CHRONIC

			Male				Female	
#All Organs: Benign Tumors								
		25/50 (50%)				21/50 (42%)		
Overall Incidence	Total	25/50 (50%)	Mean 50%	SD 0%	Total	21/50 (42%)	Mean 42%	SD 0%
#All Organs: Malignant Tumors								
		20/50 (40%)				12/50 (24%)		
Overall Incidence	Total	20/50 (40%)	Mean 40%	SD 0%	Total	12/50 (24%)	Mean 24%	SD 0%
#All Organs: Malignant and Benign T		34/50 (68%)				27/50 (54%)		
Overall Incidence	Total	34/50 (68%)	Mean 68%	SD 0%	Total	27/50 (54%)	Mean 54%	SD 0%
#All Organs: Hemangioma		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: Hemangiosarcoma								
		2/50 (4%)				1/50 (2%)		
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%
#All Organs: Hemangiosarcoma or He								
-	-	3/50 (6%)				1/50 (2%)		
Overall Incidence	Total	3/50 (6%)	Mean 6%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

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

Route: ORAL

Length of Study: CHRONIC

Vehicle: FEED

Page: 103

			Male				Female	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	, Monocytic, Mo	ononuclear, or Undifferen	tiated			0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#All Organs:	istiocytic, Lym	phocytic, Mixed, NOS, La 5/50 (10%) 5/50 (10%)		SD 0%	Total	8/50 (16%) 8/50 (16%)	Mean 16%	SD 0%		
#All Organs: Malignant Schwannoma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
				30 0%				30 0%		
#All Organs: 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%		
*Adrenal Cortex: Adenoma		1/50 (2%)				0/50 (0%)				

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

^{#:} Denominator is number of animals necropsied

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:** 104

				Male				Female					
*Adrenal Cortex: 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%				
*Adrenal Medulla: Pheochromocytoma Benign													
		0/50	(0%)				1/50 (2%)						
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%				
*Adrenal Medulla: Pheochromocytoma Maligna	ant	0/50	(0%)				0/50 (0%)						
Overall Incidence	Total	0/50 (0%)	` ,	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%				
*Adrenal Medulla: Pheochromocytoma: Benigi		Malignant, NOS					1/50 (2%)						
Overall Incidence	Total	0/50 (0%)	` ,	Mean 0%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%				
#Bone: Fibrosarcoma													
Occupation of James	T-1-1		(0%)	M 00/	00.00/	T-1-1	0/50 (0%)	M 00/	00.00/				
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%				
#Bone: Hemangioma		0/50	(00/)				0/50 (0%)						
Overall Incidence	Total	0/50	(0%)	Maan 00/	CD 00/	Total	0/50 (0%)	Maan 00/	CD 00/				
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%				

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

^{#:} Denominator is number of animals necropsied

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: 105

			Male				Female		
#Bone: 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%	
#Bone: 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: Osteosarcoma		0/50 (00/)				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%	
·····		` '				, ,			
#Bone: Osteosarcoma or Osteoma		0/50 (00/)				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%	
		` '				` '		/-	
*Bone Marrow: 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%	
*Bone Marrow: Mast Cell Tumor Malignant									
		0/50 (0%)		25. 22/		0/50 (0%)		05.00/	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	

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

^{#:} Denominator is number of animals necropsied

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: 106

			Male				Female	
*Brain: Meningioma Malignant	Total	0/50 (0%)	Maan 00/	CD 09/	Total	0/50 (0%)	Mann 00/	SD 00/
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Brain: Meningioma: Benign, M	alignant, NOS							
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
*Clitoral/Preputial Gland: Malignant Fibrous Histic		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%)				0/50 (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: Adenocarcinoma		2/50 (4%)				2/50 (4%)		
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Strain: B6C3F1/N Length of Study: CHRONIC

Route: ORAL Vehicle: FEED **Page:** 107

			Male				Female	
#Harderian Gland: Adenoma								
		0/50 (0%)				4/50 (8%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	4/50 (8%)	Mean 8%	SD 0%
#Harderian Gland: Adenoma or Adenocarcin	oma							
		2/50 (4%)				6/50 (12%)		
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	6/50 (12%)	Mean 12%	SD 0%
#Harderian Gland: 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 Large: Cecum: Leiomyoma								
		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: Any Site: Adenocarcinoma								
		2/50 (4%)				0/50 (0%)		
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Any Site: 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%

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: FEED Page: 108

			Male	0/50 (0%) % Total 0/50 (0%) Mean 0% 0/50 (0%) % Total 0/50 (0%) Mean 0% 0/50 (0%) % Total 0/50 (0%) Mean 0%								
#Intestine Small: Any Site: Adenoma or Adenocarcinoma												
		2/50 (49	%)				` '					
Overall Incidence	Total	2/50 (4%)	Mean	.,,		,	•	SD 0%				
#Intestine Small: Duodenum Adenocarcinoma	:											
		0/50 (0	,				` ,					
Overall Incidence	Total	0/50 (0%)	Mean	0% SD (% Total	0/50 (0%) Mean 0%	SD 0%				
#Intestine Small: Duodenum Adenoma	:											
	T	0/50 (0	,	00/			` ,	OD 00/				
Overall Incidence	Total	0/50 (0%)	Mean			•	•	SD 0%				
#Intestine Small: Ileum: Adenoma												
		0/50 (0	,				` ,					
Overall Incidence	Total	0/50 (0%)	Mean			,	,	SD 0%				
#Intestine Small: Jejunum: Adenocarcinoma												
		2/50 (4	%)			0/50	(0%)					
Overall Incidence	Total	2/50 (4%)	Mean	4% SD (% Total	0/50 (0%) Mean 0%	SD 0%				
#Intestine Small: Jejunum: Adenoma												
		0/50 (0	,				(0%)					
Overall Incidence	Total	0/50 (0%)	Mean		% Total		•	SD 0%				

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

^{#:} Denominator is number of animals necropsied

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: 109

			Male				Female	
#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%
*Islets, Pancreatic: 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%
*Islets, Pancreatic: Carcinoma								
		0/50 (0%)		OD O		0/50 (0%)		05.00/
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Islets, Pancreatic: Carcinoma or Adenoma		1/20 (00)				(201)		
Overall Incidence	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Adenoma								
		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%
*Kidney: Renal Tubule: Carcinoma or Adenoma		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%

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Page: 110 Report Date: 11/07/2024

Species: MICE Strain: B6C3F1/N Route: ORAL Vehicle: FEED

Length of Study: CHRONIC

			Male				Female	
*Kidney: Renal Tubule: Hemangiosarcoma Overall Incidence	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Mast Cell Tumor		0/49 (0%)				0/50 (0%)		
Overall Incidence	Total	0/49 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Renal Mesenchymal Tumor		0/49 (0%)				0/50 (0%)		
Overall Incidence	Total	0/49 (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		1/50 (2%)				0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Liver: Hemangiosarcoma		0/50 (0%)				1/50 (2%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%

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

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N

Length of Study: CHRONIC

Toxicology Data Management System

Page: 111

Report Date: 11/07/2024

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: FEED

Male **Female** *Liver: Hepatoblastoma 1/50 (2%)0/50 (0%)**Overall Incidence** Total 1/50 (2%) Mean 2% SD 0% Total 0/50 (0%) Mean 0% SD 0% *Liver: Hepatocellular Adenoma 21/50 (42%)11/50 (22%)**Overall Incidence** Total 21/50 (42%) Mean 42% SD 0% Total 11/50 (22%) Mean 22% SD 0% *Liver: **Hepatocellular Carcinoma** 5/50 (10%) 1/50 (2%)**Overall Incidence** Total 5/50 (10%) Mean 10% SD 0% Total 1/50 (2%) Mean 2% SD 0% *Liver: Hepatocellular Carcinoma or Hepatoblastoma 6/50 (12%) 1/50 (2%)**Overall Incidence** Total 6/50 (12%) Mean 12% SD 0% Total Mean 2% SD 0% 1/50 (2%) *Liver: Hepatocellular Carcinoma or Hepatocellular Adenoma 23/50 (46%) 12/50 (24%)**Overall Incidence** Total 23/50 (46%) Mean 46% SD 0% Total 12/50 (24%) Mean 24% SD 0% Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma

SD 0%

12/50

Total

12/50 (24%)

(24%)

Mean 24%

SD 0%

Total

24/50

24/50 (48%)

(48%)

Mean 48%

Overall Incidence

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Page: 112

Report Date: 11/07/2024

Species: MICE Strain: B6C3F1/N Route: ORAL Vehicle: FEED

Length of Study: CHRONIC

			Male				Female	
*Liver: Hepatocholangiocarcino	oma							
		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: 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 Ad								
Overall Incidence	Total	8/50 (16%) 8/50 (16%)	Mean 16%	SD 0%	Total	3/50 (6%) 3/50 (6%)	Mean 6%	SD 0%
*Lung: Alveolar/Bronchiolar Ca								
Overall Incidence	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%
		(,				()	IVICALI 270	U%
*Lung: Alveolar/Bronchiolar Ca	arcinoma or Alv	eolar/Bronchiolar Adenoi 9/50 (18%)	ma			4/50 (8%)		
Overall Incidence	Total	9/50 (18%)	Mean 18%	SD 0%	Total	4/50 (8%)	Mean 8%	SD 0%

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

^{#:} Denominator is number of animals necropsied

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 Report Date: 11/07/2024

Page: 113

			Male				Female	
*Lung: 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%
*Lung: 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: Hemangiosarcoma								
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%) 1/50 (2%)	Mean 2%	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, Axillary: 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%
#Lymph Node, Mandibular: 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%

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

^{#:} Denominator is number of animals necropsied

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: 114

				Male				Female	
#Lymph Node, Mandibular: Mast Cell Tumor									
			(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									
			(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: Hemangioma		0/50	(0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	(0 /6)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Lymph Node, Mesenteric: Mast Cell Tumor									
Mast Cell Tullion		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									
			(0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Mammary Gland: Adenocarcinoma		0/50	(00/)				0/50 (00/)		
Overall Incidence	Total		(0%)	Moon 0%	SD 0%	Total	0/50 (0%)	Moon 0%	SD 00/
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

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

Control Animal Groups Report Date: 11/07/2024
AL

Page: 115

			Male				Female				
#Mammary Gland: Adenoma 0/50 (0%) 2/50 (4%) Overall Incidence Total 0/50 (0%) Mean 0% SD 0% Total 2/50 (4%) Mean 4% SD 0%											
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%			
#Mammary Gland: Adenoma or Adenocard	cinoma										
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	2/50 (4%) 2/50 (4%)	Mean 4%	SD 0%			
#Mammary Gland: Fibroma, Fibroadenoma		0/50 (0%)				2/50 (4%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%			
#Mammary Gland: Fibroma, Fibroadenoma						2/50 (4%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	2/50 (4%)	Mean 4%	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		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 with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Route: ORAL

Page: 116
Report Date: 11/07/2024

Species: MICE Strain: B6C3F1/N

Vehicle: FEED

Length of Study: CHRONIC

			Male				Female	Female		
#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: Malignant Fibrous Histiocyt	toma									
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: 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%		
*Nose: 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%		
*Nose: Polyp	•••••			•••••						
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 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%		

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Adenoma

*Ovary:

Overall Incidence

Cystadenoma

Overall Incidence

Strain: B6C3F1/N

Toxicology Data Management System

Page: 117

Report Date: 11/07/2024

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: FEED

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female #Oral Mucosa, Tongue, Pharynx, or Gingiva:** Papilloma Squamous or Papilloma 0/50 (0%)0/50 (0%)0/50 (0%) **Overall Incidence** Total Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% #Oral Mucosa, Tongue, Pharynx, or Gingiva: **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% #Oral Mucosa, Tongue, Pharynx, or Gingiva: Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma 0/50 0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% *Ovary: Adenocarcinoma, Cystadenoma, or Cystadenocarcinoma 0/49 (0%)**Overall Incidence** Total 0/49 (0%) Mean 0% SD 0% *Ovary:

0/49

0/49

0/49 (0%)

0/49 (0%)

Total

Total

(0%)

(0%)

Mean 0%

Mean 0%

SD 0%

SD 0%

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

Page: 118

Report Date: 11/07/2024

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: FEED

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male Female *Ovary: Cystadenoma or Cystadenocarcinoma 0/49 (0%)Overall Incidence Total 0/49 (0%) Mean 0% SD 0% *Ovary: **Granulosa-Theca Tumor Malignant** 0/49 (0%)**Overall Incidence** Total 0/49 (0%) Mean 0% SD 0% *Ovary: **Granulosa Cell Tumor Benign** 1/49 (2%)**Overall Incidence** Total 1/49 (2.04%) Mean 2.04% SD 0% *Ovary: Granulosa Cell Tumor, Luteoma, Thecoma, or Sertoli Cell Tumor (Benign, Malignant, NOS) 1/49 (2%)**Overall Incidence** Total 1/49 (2.04%) Mean 2.04% SD 0% *Ovary: Granulosa Cell Tumor: Benign, Malignant, NOS 1/49 (2%)**Overall Incidence** Total 1/49 (2.04%) Mean 2.04% SD 0% *Ovary: Hemangioma 0/49 (0%)**Overall Incidence** Total SD 0% 0/49 (0%) Mean 0%

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Page: 119

Report Date: 11/07/2024

Tumor Incidence for Selected Control Animal Groups

Route: ORAL

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N Vehicle: FEED

Male			Female		
*Ovary: Hemangiosarcoma					
		0/49 (0%)			
Overall Incidence	Total	0/49 (0%)	Mean 0%	SD 0%	
*Ovary: Luteoma					
Overall Incidence	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	
		, ,			
*Ovary: Teratoma		0/40 (00/)			
Overall Incidence	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	
*Ovary: Teratoma (Benign or Malignant), Yolk Sac Carcinoma (Malignant), or Choriocarcinoma (Malignant)					
(3)		0/49 (0%)			
Overall Incidence	Total	0/49 (0%)	Mean 0%	SD 0%	
*Ovary: Teratoma, Benign or Malignant					
		0/49 (0%)			
Overall Incidence	Total	0/49 (0%)	Mean 0%	SD 0%	
*Ovary: Thecoma Benign					
		0/49 (0%)		25 20/	
Overall Incidence	Total	0/49 (0%)	Mean 0%	SD 0%	

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

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

Route: ORAL Vehicle: FEED

Length of Study: CHRONIC

Page: 120

			Male				Female			
*Ovary: Thecoma Malignant										
Overall Incidence					Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%		
*Ovary: Tubulostromal Adenoma	a									
Overall Incidence					Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%		
*Ovary: Tubulostromal Carcinon	na					0/40 (00/)				
Overall Incidence					Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%		
*Pancreas: Malignant Fibrous Histic										
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (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: Carcinoma										
Overall Incidence	Total	1/42 (2%) 1/42 (2.38%)	Mean 2.38%	SD 0%	Total	0/43 (0%) 0/43 (0%)	Mean 0%	SD 0%		

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Route: ORAL

Report Date: 11/07/2024

Page: 121

Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC

Vehicle: FEED

			Male				Female	
*Pituitary Gland: Pars Distal Adenoma	lis or Unspeci	fied Site:						
		0/50 (0%)				3/50 (6%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	3/50 (6%)	Mean 6%	SD 0%
*Pituitary Gland: Pars Distal Carcinoma or Adenoma								
		0/50 (0%)				3/50 (6%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	3/50 (6%)	Mean 6%	SD 0%
*Pituitary Gland: Pars Intern	nedia:							
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Pituitary Gland: Pars Intern 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%
*Pituitary Gland: Pars Intern 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%
*Prostate: Hemangiosarcoma								
		0/50 (0%)						
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%				

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Page: 122

Mean 0%

SD 0%

Report Date: 11/07/2024

Route: ORAL Vehicle: FEED

Male **Female** *Prostate: **Mast Cell Tumor** 0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% *Salivary Glands: Adenocarcinoma 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: Adenoma or Adenocarcinoma 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: **Mast Cell Tumor** 0/50 (0%)0/50 (0%)SD 0% **Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% Total Mean 0% 0/50 (0%) **#Seminal Vesicle: Fibroma** 0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% **#Skeletal Muscle: Fibrosarcoma** 0/50 (0%)0/50 (0%)

SD 0%

Total

0/50 (0%)

Total

0/50 (0%)

Mean 0%

Overall Incidence

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

^{#:} Denominator is number of animals necropsied

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:** 123

			Male				Female	
#Skeletal Muscle: Hemangiosarcoma		2/22 (22)						
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 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%
#Skeletal Muscle: Rhabdomyosarcoma or R						0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	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		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 with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

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

> Route: ORAL Vehicle: FEED

Length of Study: CHRONIC

Page: 124

			Male				Female	
#Skin: Basal or Squamous Cel Adenoma, Papilloma, S Sebaceous Gland Aden	q Papilloma, Keı	ratoacanthoma, Trichoe	pithelioma, Adenoma	Basal Cell a,				
		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: Basosquamous Tumor Keratoacanthoma, Trich	(Benign), Basal	Cell Adenoma, Adenom	a, Papilloma, Sq Pap			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	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 or Myxoma 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	, Sarcoma, Myxo	oma, Myxosarcoma, or I	Pleomorphic Fibrosa	rcoma		0/50 (0%)		
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Skin: Fibroma, Fibrosarcoma Hemangiopericytoma		oma, Myxosarcoma, Ple				0/50 (0%)		
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%

^{#:} Denominator is number of animals necropsied

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

Control Animal Groups Report Date: 11/07/2024

Page: 125

			Male				Female			
#Skin: Fibrosarcoma		2/50 (4%)				0/50 (0%)				
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#Skin: Fibrosarcoma, Sarcom	a, Myxosarcoma	, or Pleomorphic Fibros	arcoma							
Overall Incidence	Total	2/50 (4%) 2/50 (4%)	Mean 4%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
#Skin: 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%		
#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: Lipoma										
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: Liposarcoma		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 with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Page: 126 Report Date: 11/07/2024

Species: MICE Strain: B6C3F1/N Route: ORAL Vehicle: FEED

Length of Study: CHRONIC

			Male				Female	
#Skin: Melanoma		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: 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%
#Skin: Pilomatrixoma		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: Pleomorphic Fibrosarcom		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: 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: 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%

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

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N

Length of Study: CHRONIC

#Skin: Sebaceous Gland:

Astrocytoma Malignant

Schwannoma Malignant

......

Hemangiosarcoma

#Stomach, Forestomach: Mast Cell Tumor Malignant

Adenoma

Overall Incidence

#Spinal Cord:

Overall Incidence

Overall Incidence

Overall Incidence

Overall Incidence

Papilloma

Overall Incidence

#Stomach, Forestomach:

#Spinal Cord:

*Spleen:

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: FEED

Male **Female** 0/50 (0%)0/50 (0%)0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% 0/50 (0%)0/50 (0%)0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% 0/50 (0%)0/50 (0%)0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% 2/50 (4%)1/49 (2%)2/50 (4%) Mean 4% SD 0% Total 1/49 (2.04%) Mean 2.04% SD 0% 0/50 (0%)0/50 (0%)0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0%

0/50

0/50 (0%)

Total

(0%)

Mean 0%

SD 0%

Page: 127

Report Date: 11/07/2024

*: Denominator is number of animals with tissues examined microscopically

Total

Total

Total

Total

Total

Total

0/50

0/50 (0%)

(0%)

Mean 0%

SD 0%

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Route: ORAL

Page: 128

Report Date: 11/07/2024

Length of Study: CHRONIC

Vehicle: FEED

								Female		
#Stomach, Forestomach: Squamous Cell Carcinoma	or Papilloma		(0%)				1/50 (2%)			
Overall Incidence	Total	0/50 (0%)	,	Mean 0%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%	
#Stomach, Forestomach: Squamous Cell Papilloma			(0%)				1/50 (2%)			
Overall Incidence	Total	0/50 (0%)	(070)	Mean 0%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%	
#Stomach, Glandular: Adenoma			(00/)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	(0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
#Stomach, Glandular: Carcinoma or Adenoma		0/50	(0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	(070)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
*Testis: Adenoma										
Overall Incidence	Total	0/50 (0%)	(0%)	Mean 0%	SD 0%					
*Testis: Hemangioma		0/50	(0%)							
Overall Incidence	Total	0/50 (0%)	,	Mean 0%	SD 0%					

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

^{#:} Denominator is number of animals necropsied

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: 129

			Male				Female			
*Thymus: Hemangioma		0/46 (0%)				0/48 (0%)				
Overall Incidence	Total	0/46 (0%)	Mean 0%	SD 0%	Total	0/48 (0%)	Mean 0%	SD 0%		
*Thymus: Hemangiosarcoma		0/40 /00/				0/40 (00/)				
Overall Incidence	Total	0/46 (0%) 0/46 (0%)	Mean 0%	SD 0%	Total	0/48 (0%) 0/48 (0%)	Mean 0%	SD 0%		
*Thymus: Thymoma Benign		0/46 (0%)				0/48 (0%)				
Overall Incidence	Total	0/46 (0%)	Mean 0%	SD 0%	Total	0/48 (0%)	Mean 0%	SD 0%		
*Thyroid Gland: C-Cell: Carcinoma		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 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 Ce Adenoma	ell:	0/50 (0%)				0/40 (09/)				
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%		

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE
Strain: B6C3F1/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ORAL Vehicle: FEED

ntrol Animal Groups Report Date: 11/07/2024

Page: 130

			Male			Female			
*Thyroid Gland: Follicular Cell: Carcinoma									
		1/50 (2%)				0/49 (0%)			
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%	
Thyroid Gland: Follicular Cell: Carcinoma or Adenoma									
		1/50 (2%)				0/49 (0%)			
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%	
#Tongue: Squamous Cell Carcinoma or	Papilloma	a Squamous 0/50 (0%)				0/50 (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%	
fTooth: Odontoma									
		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									
		0/49 (0%)		25 20 /		0/49 (0%)		25. 22/	
Overall Incidence	Total	0/49 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%	

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 131

Report Date: 11/07/2024

Route: ORAL Vehicle: FEED

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** *Uterus: Adenocarcinoma or Adenoma 0/50 (0%)SD 0% **Overall Incidence** Total 0/50 (0%) Mean 0% *Uterus: Adenoma 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** SD 0% Total 0/50 (0%) Mean 0% *Uterus: Hemangioma 0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% *Uterus: Hemangiosarcoma 0/50 (0%)**Overall Incidence** Total Mean 0% SD 0% 0/50 (0%)

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 132

Report Date: 11/07/2024

Route: ORAL Vehicle: FEED

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** *Uterus: Leiomyoma 0/50 (0%)0/50 (0%) SD 0% **Overall Incidence** Total Mean 0% *Uterus: Leiomyosarcoma or Leiomyoma 0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% *Uterus: **Polyp Stromal** 1/50 (2%)**Overall Incidence** Total 1/50 (2%) Mean 2% SD 0% *Uterus: Sarcoma 0/50 (0%)**Overall Incidence** SD 0% Total 0/50 (0%) Mean 0% *Uterus: Sarcoma Stromal or Polyp Stromal 1/50 (2%)**Overall Incidence** SD 0% Total 1/50 (2%) Mean 2% #Vagina: Hemangioma 0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0%

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

^{#:} Denominator is number of animals necropsied

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: 133

Report Date: 11/07/2024

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					
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			

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: 134

			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 To	umors										
		79/90 (88%)				59/90 (66%)					
Overall Incidence	Total	79/90 (87.78%)	Mean 87.78%	SD 0%	Total	59/90 (65.56%)	Mean 65.56%	SD 0%			
#All Organs: Hemangioma		1/90 (1%)				4/90 (4%)					
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	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 He	emangioma										
		3/90 (3%)				6/90 (7%)					
Overall Incidence	Total	3/90 (3.33%)	Mean 3.33%	SD 0%	Total	6/90 (6.67%)	Mean 6.67%	SD 0%			

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: Whole Body Exposure

Vehicle: AIR

Page: 135

			Male			Female			
#All Organs: Histiocytic Sarcoma									
		0/90 (0%)				8/90 (9%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	8/90 (8.89%)	Mean 8.89%	SD 0%	
#All Organs:		ononuclear, or Undifferer				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: I	Histiocytic, Lym	phocytic, Mixed, NOS, L	arge Granular, or						
Undifferentiated Cell Ty	/pe	6/90 (7%)				2/90 (2%)			
Overall Incidence	Total	6/90 (6.67%)	Mean 6.67%	SD 0%	Total	2/90 (2%) 2/90 (2.22%)	Mean 2.22%	SD 0%	
Overall Incidence	Total	6/90 (6.67%)			Total	2/90 (2.22%)	Mean 2.22%	SD 0%	
Overall Incidence #All Organs: Malignant Schwannoma	Total	6/90 (6.67%)			Total Total	2/90 (2.22%)	Mean 2.22% Mean 0%	SD 0%	
Overall Incidence #All Organs: Malignant Schwannoma	Total	6/90 (6.67%) 0/90 (0%) 0/90 (0%)				2/90 (2.22%) 0/90 (0%) 0/90 (0%)			
Overall Incidence #All Organs: Malignant Schwannoma Overall Incidence #All Organs: Mast Cell Tumor	Total	6/90 (6.67%) 0/90 (0%)				2/90 (2.22%)			
Overall Incidence #All Organs: Malignant Schwannoma Overall Incidence #All Organs:	Total a Total	6/90 (6.67%) 0/90 (0%) 0/90 (0%) 1/90 (1%)	Mean 0%	SD 0%	Total	2/90 (2.22%) 0/90 (0%) 0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	

^{#:} Denominator is number of animals necropsied

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: 136

				Male			Female				
*Adrenal Cortex: Carcinoma or Adenoma											
Overall Incidence	Total	0/90 (0%)	(0%)	Mean 0%	SD 0%	Total	1/84 (1%) 1/84 (1.19%)	Mean 1.19%	SD 0%		
*Adrenal Medulla: Pheochromocytoma Benign											
Overall Incidence	Total	0/90 0/90 (0%)	(0%)	Mean 0%	SD 0%	Total	0/83 (0%) 0/83 (0%)	Mean 0%	SD 0%		
*Adrenal Medulla: Pheochromocytoma Maligna	nt	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%		
*Adrenal Medulla: Pheochromocytoma: Benign Overall Incidence		Malignant, NOS		Mean 0%	SD 0%	Total	2/83 (2%) 2/83 (2.41%)	Mean 2.41%	SD 0%		
#Bone: Fibrosarcoma											
Overall Incidence	Total	0/90 (0%)	(0%)	Mean 0%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%		
#Bone: Hemangioma		0/90	(0%)				1/90 (1%)				
Overall Incidence	Total	0/90 (0%)	(070)	Mean 0%	SD 0%	Total	1/90 (1.11%)	Mean 1.11%	SD 0%		

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

^{#:} Denominator is number of animals necropsied

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: 137

				Male			Female			
#Bone: Hemangiosarcoma		0/90 (0	0/ \			0/90 (0%)				
Overall Incidence	Total	0/90 (0%)	Mean (0% SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%		
#Bone: Osteoma										
Overall Incidence	Total	0/90 (0%) 0/90 (0%)	%) Mean (0% SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%		
#Bone: Osteosarcoma		0/90 (0	0/1			1/90 (1%)				
Overall Incidence	Total	0/90 (0%)	Mean (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 (Total	1/90 (1.11%)	Mean 1.11%	SD 0%		
*Bone Marrow: Hemangiosarcoma										
Overall Incidence	Total	0/90 (0%)	%) Mean (0% SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%		
*Bone Marrow: Mast Cell Tumor Malignant		0/90 (0º	%)			0/90 (0%)				
Overall Incidence	Total	0/90 (0%)	Mean (0% SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%		

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

^{#:} Denominator is number of animals necropsied

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: 138

			Male			Female			
*Brain: Meningioma Malignant		0/90 (0%)		00.00		0/87 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/87 (0%)	Mean 0%	SD 0%	
*Brain: Meningioma: Benign, M	lalignant, 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: Malignant Fibrous Histi		0/89 (0%)				0/82 (0%)			
Overall Incidence	Total	0/89 (0%)	Mean 0%	SD 0%	Total	0/82 (0%)	Mean 0%	SD 0%	
*Clitoral/Preputial Gland: Mast Cell Tumor		1/89 (1%)				0/82 (0%)			
Overall Incidence	Total	1/89 (1.12%)	Mean 1.12%	SD 0%	Total	0/82 (0%)	Mean 0%	SD 0%	
*Epididymis: Mast Cell Tumor		4/00 (401)							
Overall Incidence	Total	1/90 (1%) 1/90 (1.11%)	Mean 1.11%	SD 0%					
#Harderian Gland: Adenocarcinoma		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%	

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

^{#:} Denominator is number of animals necropsied

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: 139

			Male			Female				
#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: Adenoma or Adenocarcir	ıoma									
		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%		
#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%		
#Intestine Large: Cecum: Leiomyoma										
		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: Any Site: Adenocarcinoma										
		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%		
#Intestine Small: Any Site: 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%		

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

Page: 140

Report Date: 11/07/2024

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Route: Whole Body Exposure

Length of Study: CHRONIC

Vehicle: AIR

			Male			Female							
#Intestine Small: Any Site: Adenoma or Adenocarcino	Adenoma or Adenocarcinoma												
		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%					
#Intestine Small: Duodenum: Adenocarcinoma		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: 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: Ileum: Adenoma		0/90 (0%)				0/90 (0%)							
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%					
#Intestine Small: Jejunum: Adenocarcinoma						(00)							
Overall Incidence	Total	2/90 (2%) 2/90 (2.22%)	Mean 2.22%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 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%					

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

^{#:} Denominator is number of animals necropsied

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: 141

		Male	Female				
	1/90 (1%)				0/90 (0%)		
Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
	0/88 (0%)				0/87 (0%)		
Total	0/88 (0%)	Mean 0%	SD 0%	Total	0/87 (0%)	Mean 0%	SD 0%
	, ,				` '		
	, ,				, ,		SD 0%
	0/88 (0%)				1/97 (10/)		
Total	0/88 (0%)	Mean 0%	SD 0%	Total	1/87 (1.15%)	Mean 1.15%	SD 0%
	0/90 (0%)				2/89 (2%)		
Total	0/90 (0%)	Mean 0%	SD 0%	Total	2/89 (2.25%)	Mean 2.25%	SD 0%
					2/89 (2%)		
Total	` ,	Mean 0%	SD 0%	Total	` '	Mean 2 25%	SD 0%
	Total Total	Total 1/90 (1.11%) 0/88 (0%) Total 0/90 (0%) Total 0/90 (0%) 0/90 (0%)	Total 1/90 (1.11%) Mean 1.11% 0/88 (0%) Total 0/88 (0%) Mean 0% 0/88 (0%) Total 0/88 (0%) Mean 0% 0/88 (0%) Total 0/88 (0%) Total 0/88 (0%) Mean 0% Mean 0% 0/90 (0%) Total 0/90 (0%) 0/90 (0%)	Total 1/90 (1.11%) Mean 1.11% SD 0% 0/88 (0%) Mean 0% SD 0% Total 0/90 (0%) Mean 0% SD 0%	Total 1/90 (1.11%) Mean 1.11% SD 0% Total 0/88 (0%) Mean 0% SD 0% Total 0/88 (0%) Mean 0% SD 0% Total Total 0/88 (0%) Mean 0% SD 0% Total Total 0/88 (0%) Mean 0% SD 0% Total Total 0/90 (0%) Mean 0% SD 0% Total 0/90 (0%) Mean 0% SD 0% Total	Total 1/90 (1.11%) Mean 1.11% SD 0% Total 0/90 (0%) O/88 (0%)	Total 1/90 (1.11%) Mean 1.11% SD 0% Total 0/90 (0%) Mean 0% O/88 (0%)

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

^{#:} Denominator is number of animals necropsied

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: 142

			Male			Female			
*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%	
*Kidney: Renal Tubule: 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%	
*Kidney: Renal Tubule: Renal Mesenchymal Tumor		0/90 (0%)				1/89 (1%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	1/89 (1.12%)	Mean 1.12%	SD 0%	
*Liver: Cholangiocarcinoma		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: Hemangioma									
		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: Hemangiosarcoma									
Occupation of decision	Tarat	1/90 (1%)	Maria 4 440/	00.00/	T-1-1	0/89 (0%)	Maran 00/	OD 00/	
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/89 (0%)	Mean 0%	SD 0%	

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

^{#:} Denominator is number of animals necropsied

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: 143 Report Date: 11/07/2024

			Male			Female				
*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%		
*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										
Overall Incidence	Total	28/90 (31%) 28/90 (31.11%)	Mean 31.11%	SD 0%	Total	8/89 (9%) 8/89 (8.99%)	Mean 8.99%	SD 0%		
*Liver: Hepatocellular Carcinoma o						9/89 (10%)				
Overall Incidence	Total	32/90 (35.56%)	Mean 35.56%	SD 0%	Total	9/89 (10.11%)	Mean 10.11%	SD 0%		
*Liver: Hepatocellular Carcinoma c						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,						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%		

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

^{#:} Denominator is number of animals necropsied

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: 144

			Male				Female			
*Liver: Hepatocholangiocarcin	oma									
		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: 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 Ad										
Overall Incidence	Tatal	13/90 (14%)	Mean 14.44%	CD 00/	Tatal	3/90 (3%)	Mann 2 220/	SD 0%		
	Total	13/90 (14.44%)		SD 0%	Total	3/90 (3.33%)	Mean 3.33%			
*Lung: Alveolar/Bronchiolar Ca	arcinoma									
		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 Ca	arcinoma or Alv	veolar/Bronchiolar Adeno 23/90 (26%)	ma			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%		

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

^{#:} Denominator is number of animals necropsied

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: 145

			Male				Female	
*Lung: 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%
*Lung: 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: 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: 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, Axillary: 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%
#Lymph Node, Mandibular: Hemangiosarcoma								
		0/90 (0%)		OD O		0/90 (0%)	••	22.00/
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

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: 146

			Male				Female	
#Lymph Node, Mandibular: 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, 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						(201)		
		1/90 (1%)		OD O		0/90 (0%)		05 00/
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		4/00 (40)				0/00 (00/)		
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, Mesenteric: 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%
#Mammary Gland: Adenocarcinoma		0/00 /00/				0/00 (00/)		
Overell Insidence	T-4-1	0/90 (0%)	Maan 00/	CD 00/	Tatal	0/90 (0%)	Mana 00/	CD 00/
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

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: 147

			Male				Female				
#Mammary Gland: Adenoma 0/90 (0%)											
		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: Adenoma or Adenocarci	noma										
		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	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						0/90 (0%)					
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%			
#Mesentery: Hemangioma						4/00 (40)					
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%			
Overali incidence	ıotaı	0/90 (0%)	iviean 0%	3D 0%	Total	1/90 (1.11%)	iviean 1.11%	ט עס			
#Mesentery: Hemangiosarcoma		4/00 (404)				0(00 (00))					
Overell Insidence	Tatal	1/90 (1%)	Maan 4 440/	CD 00/	Tatal	0/90 (0%)	Mann 00/	CD 00/			
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%			

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

^{#:} Denominator is number of animals necropsied

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: 148

			Male				Female	
#Mesentery: Lipoma								
Overall Incidence	Total	1/90 (1%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Maan 00/	SD 0%
Overall incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
#Mesentery: Malignant Fibrous Histic	ocytoma							
		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: Sarcoma						(22)		
Overall Incidence	Total	0/90 (0%)	Moon 09/	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
		0/90 (0%)	Mean 0%	5D 0%	10tai	0/90 (0%)	wiean 0%	טט ט%
*Nose: Carcinoma		0/00 (00/)				0/00 (00/)		
Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/89 (0%) 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 Mucosa: Squamous Cell Carcinol	ma	0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

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: 149

			Male				Female	Female			
#Oral Mucosa, Tongue, F		va:									
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 Mucosa, Tongue, F	Pharvny or Gingi										
Squamous Cell Carcin		vu.									
		0/90 (0%)				0/90 (0%)					
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%			
-	oma, Papilloma S	equamous, or 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%			
Overall incluence		0,00 (0,0)									
*Ovary: Adenocarcinoma, Cyst						2/75 (3%)					
*Ovary:					Total		Mean 2.67%	SD 0%			
*Ovary: Adenocarcinoma, Cyst					Total	2/75 (3%) 2/75 (2.67%)	Mean 2.67%	SD 0%			
*Ovary: Adenocarcinoma, Cysi Overall Incidence *Ovary: Adenoma						2/75 (3%) 2/75 (2.67%) 0/75 (0%)					
*Ovary: Adenocarcinoma, Cyst Overall Incidence *Ovary:					Total Total	2/75 (3%) 2/75 (2.67%)	Mean 2.67% Mean 0%	SD 0% SD 0%			
*Ovary: Adenocarcinoma, Cysi Overall Incidence *Ovary: Adenoma						2/75 (3%) 2/75 (2.67%) 0/75 (0%)					

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

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups
Route: Whole Body Exposure

Page: 150 Report Date: 11/07/2024

Species: MICE Strain: B6C3F1/N

Vehicle: AIR

Length of Study: CHRONIC

Male Female *Ovary: Cystadenoma or Cystadenocarcinoma 2/75 (3%)**Overall Incidence** Total 2/75 (2.67%) Mean 2.67% SD 0% *Ovary: **Granulosa-Theca Tumor Malignant** 0/75 (0%)**Overall Incidence** Total 0/75 (0%) Mean 0% SD 0% *Ovary: **Granulosa Cell Tumor Benign** 1/75 (1%) **Overall Incidence** Total 1/75 (1.33%) Mean 1.33% SD 0% *Ovary: Granulosa Cell Tumor, Luteoma, Thecoma, or Sertoli Cell Tumor (Benign, Malignant, NOS) 2/75 (3%)**Overall Incidence** Total 2/75 (2.67%) Mean 2.67% SD 0% *Ovary: Granulosa Cell Tumor: Benign, Malignant, NOS 1/75 (1%) **Overall Incidence** Total 1/75 (1.33%) Mean 1.33% SD 0% *Ovary: Hemangioma 2/75 (3%)**Overall Incidence** 2/75 (2.67%) Mean 2.67% SD 0% Total

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

Page: 151

Report Date: 11/07/2024

Tumor Incidence for Selected Control Animal Groups

Route: Whole Body Exposure

Vehicle: AIR

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male		Female				
*Ovary: Hemangiosarcoma						
Overall Incidence	Total	0/75 (0%) 0/75 (0%)	Mean 0%	SD 0%		
*Ovary: Luteoma						
Overall Incidence	Total	0/75 (0%) 0/75 (0%)	Mean 0%	SD 0%		
*Ovary: Teratoma		•••••				
Overall Incidence	Total	0/75 (0%) 0/75 (0%)	Mean 0%	SD 0%		
*Ovary: Teratoma (Benign or Malignant), Yolk Sac Carcinoma (Malignant), or Choriocarcinoma (Malignant)						
Overall Incidence	Total	0/75 (0%) 0/75 (0%)	Mean 0%	SD 0%		
*Ovary: Teratoma, Benign or Malignant						
Overall Incidence	Total	0/75 (0%) 0/75 (0%)	Mean 0%	SD 0%		
*Ovary: Thecoma Benign						
Overall Incidence	Total	0/75 (0%) 0/75 (0%)	Mean 0%	SD 0%		

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

^{#:} Denominator is number of animals necropsied

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: 152

			Male				Female	
*Ovary: Thecoma Malignant								
Overall Incidence					Total	1/75 (1%) 1/75 (1.33%)	Mean 1.33%	SD 0%
*Ovary: Tubulostromal Adenoma								
Overall Incidence					Total	0/75 (0%) 0/75 (0%)	Mean 0%	SD 0%
*Ovary: Tubulostromal Carcinoma								
Overall Incidence					Total	0/75 (0%) 0/75 (0%)	Mean 0%	SD 0%
*Pancreas: Malignant Fibrous Histion								
mangnam r ibrodo r notico	, y tou	0/87 (0%)				0/87 (0%)		
Overall Incidence	Total	0/87 (0%)	Mean 0%	SD 0%	Total	0/87 (0%)	Mean 0%	SD 0%
*Pancreas: Mast Cell Tumor								
		1/87 (1%)				0/87 (0%)		
Overall Incidence	Total	1/87 (1.15%)	Mean 1.15%	SD 0%	Total	0/87 (0%)	Mean 0%	SD 0%
*Parathyroid Gland: Carcinoma								
Overall Insidence	Tatal	0/68 (0%)	Maan 00/	CD 00/	Tatal	0/60 (0%)	Mana 00/	CD 00/
Overall Incidence	Total	0/68 (0%)	Mean 0%	SD 0%	Total	0/60 (0%)	Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

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: 153

			Male				Female					
*Pituitary Gland: Pars Distalis or Unspecified Site: Adenoma 0/86 (0%) 6/80 (8%)												
		0/86 (0%)				6/80 (8%)						
Overall Incidence	Total	0/86 (0%)	Mean 0%	SD 0%	Total	6/80 (7.5%)	Mean 7.5%	SD 0%				
*Pituitary Gland: Pars Distalis Carcinoma or Adenoma												
		0/86 (0%)				6/80 (8%)						
Overall Incidence	Total	0/86 (0%)	Mean 0%	SD 0%	Total	6/80 (7.5%)	Mean 7.5%	SD 0%				
*Pituitary Gland: Pars Intermo Adenoma	edia:											
		0/86 (0%)				0/80 (0%)						
Overall Incidence	Total	0/86 (0%)	Mean 0%	SD 0%	Total	0/80 (0%)	Mean 0%	SD 0%				
*Pituitary Gland: Pars Intermo Carcinoma or Adenoma	edia:											
		0/86 (0%)				0/80 (0%)						
Overall Incidence	Total	0/86 (0%)	Mean 0%	SD 0%	Total	0/80 (0%)	Mean 0%	SD 0%				
*Pituitary Gland: Pars Intermo												
		0/86 (0%)				0/80 (0%)						
Overall Incidence	Total	0/86 (0%)	Mean 0%	SD 0%	Total	0/80 (0%)	Mean 0%	SD 0%				
*Prostate: Hemangiosarcoma												
		0/90 (0%)										
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%								

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

^{#:} Denominator is number of animals necropsied

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: 154

			Male				Female	
*Prostate: Mast Cell Tumor								
		1/90 (1%)						
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%				
*Salivary Glands: Adenocarcinoma								
		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: Adenoma or Adenocard	cinoma							
		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: 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%
						` ,		
#Seminal Vesicle: Fibroma								
		1/90 (1%)						
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%				
#Skeletal Muscle: Fibrosarcoma								
		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

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: 155

			Male				Female	
#Skeletal Muscle: 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%
#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%
#Skeletal Muscle: Rhabdomyosarcoma or F						0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
#Skeletal Muscle: Sarcoma								
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%
#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%

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups Route: Whole Body Exposure

Page: 156

Report Date: 11/07/2024

Vehicle: AIR

Length of Study: CHRONIC

Male **Female** #Skin: Basal or Squamous Cell Carcinoma, Basosquamous Tumor (Malignant or Benign), Basal Cell Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma, Adenoma, Sebaceous Gland Adenoma, or Sebaceous Gland Adenocarcinoma 0/90 (0%)0/90 (0%)0/90 (0%) **Overall Incidence** Total Mean 0% SD 0% Total 0/90 (0%) Mean 0% SD 0% #Skin: Basosquamous Tumor (Benign), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma, or Sebaceous Gland Adenoma 0/90 0/90 **Overall Incidence** 0/90 (0%) Mean 0% SD 0% SD 0% Total Total 0/90 (0%) Mean 0% #Skin: **Fibroma** 0/90 (0%)1/90 (1%)**Overall Incidence** Mean 0% SD 0% 1/90 (1.11%) Total 0/90 (0%) Total Mean 1.11% SD 0% Fibroma or Myxoma (0%)1/90 (1%)0/90 (0%) SD 0% 1/90 (1.11%) SD 0% Overall Incidence Total Mean 0% Total Mean 1.11% Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Pleomorphic Fibrosarcoma 1/90 (1%)6/90 (7%)SD 0% **Overall Incidence** Total 1/90 (1.11%) Mean 1.11% Total 6/90 (6.67%) Mean 6.67% SD 0% Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, Pleomorphic Fibrosarcoma, or Hemangiopericytoma (1%)6/90

SD 0%

.....

Mean 1.11%

6/90 (6.67%)

Mean 6.67%

Total

Total

1/90 (1.11%)

Overall Incidence

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

^{#:} Denominator is number of animals necropsied

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: 157

			Male				Female	
#Skin: Fibrosarcoma								
		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%
#Skin:	a Myxosarcoma	a, or Pleomorphic Fibros	arcoma					
i ibi osarooma, oaroom	a, myxooaroonic	1/90 (1%)	arooma			5/90 (6%)		
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	5/90 (5.56%)	Mean 5.56%	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						0/00 /00/)		
Overall Incidence	Total	1/90 (1%) 1/90 (1.11%)	Mean 1.11%	SD 0%	Total	2/90 (2%) 2/90 (2.22%)	Mean 2.22%	SD 0%
#Skin: Lipoma								
		1/90 (1%)				1/90 (1%)		
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	1/90 (1.11%)	Mean 1.11%	SD 0%
#Skin: Liposarcoma		0/00 /00/				0/00 /00/		
Overell Incidence	Total	0/90 (0%)	Maan 00/	CD 00/	Total	0/90 (0%)	Maan Oo/	CD 00/
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

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: 158

		Male			Female				
	0/90 (0%)				0/90 (0%)				
Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%		
	, ,				1/90 (1%)				
Total	0/90 (0%)	Mean 0%	SD 0%	Total	1/90 (1.11%)	Mean 1.11%	SD 0%		
	4/00 (40()				0/00 (00/)				
Total	` '	Mean 1 11%	SD 0%	Total	` '	Mean 0%	SD 0%		
	, ,								
ma	1/00 (19/)				0/00 (0%)				
Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%		
	0/90 (0%)				2/90 (2%)				
Total	0/90 (0%)	Mean 0%	SD 0%	Total	2/90 (2.22%)	Mean 2.22%	SD 0%		
	0/00 /02/				0/00 (00/)				
Total	, ,	Moon 0%	SD 0%	Total	, ,	Moon 0%	SD 0%		
	Total Total Tatal	Total 0/90 (0%) 0/90 (0%) Total 0/90 (0%) 1/90 (1%) Total 1/90 (1.11%) ma 1/90 (1%) Total 1/90 (1.11%) Total 0/90 (0%) Total 0/90 (0%) 0/90 (0%)	O/90 (0%) Total O/90 (0%) Mean 0% O/90 (0%) Total O/90 (0%) Mean 0% 1/90 (1%) Total 1/90 (1.11%) Mean 1.11% Total 1/90 (1.11%) Mean 1.11% Total 0/90 (0%) Total 0/90 (0%) Total O/90 (0%) Mean 0%	0/90 (0%) Total 0/90 (0%) Mean 0% SD 0% O/90 (0%) Total 0/90 (0%) Mean 0% SD 0% 1/90 (1%) Total 1/90 (1.11%) Mean 1.11% SD 0% na 1/90 (1%) Total 1/90 (1.11%) Mean 1.11% SD 0% Total 0/90 (0%) Total 0/90 (0%) Mean 0% SD 0%	Total 0/90 (0%) Mean 0% SD 0% Total 0/90 (0%) Mean 0% SD 0% Total 1/90 (1%) Total 1/90 (1.11%) Mean 1.11% SD 0% Total 1/90 (1%) Total 1/90 (1.11%) Mean 1.11% SD 0% Total 1/90 (1%) Total 1/90 (1.11%) Mean 1.11% SD 0% Total 0/90 (0%) Total 0/90 (0%) Mean 0% SD 0% Total	Total 0/90 (0%) Mean 0% SD 0% Total 0/90 (0%) Total 0/90 (0%) Mean 0% SD 0% Total 1/90 (1%) Total 0/90 (0%) Mean 0% SD 0% Total 1/90 (1.11%) 1/90 (1%) Total 1/90 (1.11%) Mean 1.11% SD 0% Total 0/90 (0%) Total 1/90 (1.11%) Mean 1.11% SD 0% Total 0/90 (0%) Total 1/90 (1.11%) Mean 1.11% SD 0% Total 0/90 (0%) Total 1/90 (1.11%) Mean 1.11% SD 0% Total 0/90 (0%) Total 0/90 (0%) Mean 0% SD 0% Total 0/90 (2%) Total 0/90 (0%) Mean 0% SD 0% Total 2/90 (2.22%)	Total 0/90 (0%) Mean 0% SD 0% Total 0/90 (0%) Mean 0% Total 0/90 (0%) Mean 0% SD 0% Total 1/90 (1%) Total 0/90 (0%) Mean 0% SD 0% Total 1/90 (1.11%) Mean 1.11% Total 1/90 (1%) Mean 1.11% SD 0% Total 0/90 (0%) Mean 0% Total 1/90 (1.11%) Mean 1.11% SD 0% Total 0/90 (0%) Mean 0% Total 1/90 (1.11%) Mean 1.11% SD 0% Total 0/90 (0%) Mean 0% Total 1/90 (1.11%) Mean 1.11% SD 0% Total 0/90 (0%) Mean 0% Total 0/90 (0%) Mean 0% Total 0/90 (0%) Mean 0% Total 0/90 (0%) Mean 0% Total 0/90 (0%) Mean 0% O/90 (0%) Mean 0% O/90 (0%) Mean 0%		

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

^{#:} Denominator is number of animals necropsied

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: 159

#Skin: Sebaceous Gland: Adenoma			Male	Female				
		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: Astrocytoma Malignant								
Overell Incidence	Tatal	0/90 (0%)	Mann 00/	CD 00/	Tatal	0/90 (0%)	Mann 00/	CD 00/
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 Overall Incidence	Total	0/87 (0%) 0/87 (0%)	Mean 0%	SD 0%	Total	0/86 (0%) 0/86 (0%)	Mean 0%	SD 0%
#Stomach, Forestomach: 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%
#Stomach, Forestomach: Papilloma		0/90 (0%)				0/00 /09/		
Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

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

Report Date: 11/07/2024

Page: 160

			Male				Female					
#Stomach, Forestomach: Squamous Cell Carcinoma	#Stomach, Forestomach: Squamous Cell Carcinoma or Papilloma Squamous 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, Forestomach: Squamous Cell Papilloma												
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%				
#Stomach, Glandular: Adenoma		0/00 (00/)				0/00 /00/						
Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%				
#Stomach, Glandular: Carcinoma or Adenoma		0/00 /00/				0/00 (00/)						
Overall Incidence	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%				
*Testis: Adenoma		2/02 (20/)										
Overall Incidence	Total	2/90 (2%) 2/90 (2.22%)	Mean 2.22%	SD 0%								
*Testis: Hemangioma		0/90 (0%)										
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%								

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

^{#:} Denominator is number of animals necropsied

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: 161

			Male				Female	
*Thymus: Hemangioma								
-		0/75 (0%)				0/85 (0%)		
Overall Incidence	Total	0/75 (0%)	Mean 0%	SD 0%	Total	0/85 (0%)	Mean 0%	SD 0%
*Thymus: Hemangiosarcoma								
		0/75 (0%)				0/85 (0%)		
Overall Incidence	Total	0/75 (0%)	Mean 0%	SD 0%	Total	0/85 (0%)	Mean 0%	SD 0%
*Thymus: Thymoma Benign		0/75 (00/)				0/05 (00/)		
Overall Incidence	Total	0/75 (0%) 0/75 (0%)	Mean 0%	SD 0%	Total	0/85 (0%) 0/85 (0%)	Mean 0%	SD 0%
		, ,						
*Thyroid Gland: C-Cell: Carcinoma		0/00 (00/)				4/00 (401)		
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: C-Cell: Carcinoma or Adenoma								
		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: Follicular Ce Adenoma	ell:							
		0/89 (0%)				0/86 (0%)		
Overall Incidence	Total	0/89 (0%)	Mean 0%	SD 0%	Total	0/86 (0%)	Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

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: 162

				Male				Female	
*Thyroid Gland: Follicular (Carcinoma	Cell:								
			(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 (Carcinoma or Adenoma	Cell:								
			(0%)				0/86 (0%)		
Overall Incidence	Total	0/89 (0%)		Mean 0%	SD 0%	Total	0/86 (0%)	Mean 0%	SD 0%
#Tongue: Squamous Cell Carcinon	•	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%)						
		0/90	(0/0)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	` ,	Mean 0%	SD 0%	Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%
Overall Incidence #Tooth: Odontoma			` ,		SD 0%	Total	, ,	Mean 0%	SD 0%
#Tooth:		0/90 (0%)	` ,		SD 0%	Total	, ,	Mean 0%	SD 0%
#Tooth:		0/90 (0%)			SD 0%	Total Total	0/90 (0%)	Mean 0% Mean 0%	SD 0%
#Tooth: Odontoma		0/90 (0%) 0/90 0/90 (0%)					0/90 (0%)		

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 163

Mean 0%

SD 0%

Report Date: 11/07/2024

Route: Whole Body Exposure

Vehicle: AIR

Strain: B6C3F1/N Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** *Uterus: Adenocarcinoma or Adenoma 0/89 (0%)SD 0% **Overall Incidence** Total 0/89 (0%) Mean 0% *Uterus: Adenoma 0/89 (0%)**Overall Incidence** Total 0/89 (0%) Mean 0% SD 0% *Uterus: **Fibroma** 1/89 (1%) **Overall Incidence** Total 1/89 (1.12%) Mean 1.12% SD 0% *Uterus: **Granular Cell Tumor Benign** 0/89 (0%)**Overall Incidence** SD 0% Total 0/89 (0%) Mean 0% *Uterus: Hemangioma 0/89 (0%)**Overall Incidence** Total 0/89 (0%) Mean 0% SD 0% *Uterus: Hemangiosarcoma 0/89 (0%)

Total

0/89 (0%)

Overall Incidence

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

^{#:} Denominator is number of animals necropsied

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: 164

	Male			Female	
*Uterus: Leiomyoma					
Overall Incidence		Total	1/89 (1%) 1/89 (1.12%)	Mean 1.12%	SD 0%
*Uterus: Leiomyosarcoma or Leiomyoma					
Overall Incidence		Total	1/89 (1%) 1/89 (1.12%)	Mean 1.12%	SD 0%
*Uterus: Polyp Stromal					
Overall Incidence		Total	0/89 (0%) 0/89 (0%)	Mean 0%	SD 0%
*Uterus: Sarcoma					
Overall Incidence		Total	0/89 (0%) 0/89 (0%)	Mean 0%	SD 0%
*Uterus: Sarcoma Stromal or Polyp Stromal					
Overall Incidence		Total	0/89 (0%) 0/89 (0%)	Mean 0%	SD 0%
#Vagina: Hemangioma					
Overall Incidence		Total	0/90 (0%) 0/90 (0%)	Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied