Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

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Report Date: 11/11/2014

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE

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		
Southern Research Institute	058813308	12/13/04	729	50(1)	30(665)	54.9	Trimethylolpropane triacrylate
					Female		
Southern Research Institute	058813308	12/13/04	732	50(1)	39(712)	66.6	Trimethylolpropane triacrylate

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE
Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE Page: 147

			Male			Female				
#All Organs: Benign Tumors										
		37/50 (74%)				41/50 (82%)				
Overall Incidence	Total	37/50 (74%)	Mean 74%	SD 0%	Total	41/50 (82%)	Mean 82%	SD 0%		
#All Organs: Malignant Tumors										
		38/50 (76%)				38/50 (76%)				
Overall Incidence	Total	38/50 (76%)	Mean 76%	SD 0%	Total	38/50 (76%)	Mean 76%	SD 0%		
#All Organs: Malignant and Benign T										
		46/50 (92%)				47/50 (94%)				
Overall Incidence	Total	46/50 (92%)	Mean 92%	SD 0%	Total	47/50 (94%)	Mean 94%	SD 0%		
#All Organs: 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%		
#All Organs: Hemangiosarcoma	•••••									
		6/50 (12%)				2/50 (4%)				
Overall Incidence	Total	6/50 (12%)	Mean 12%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%		
#All Organs: Hemangiosarcoma or He	emangioma									
-	-	6/50 (12%)				2/50 (4%)				
Overall Incidence	Total	6/50 (12%)	Mean 12%	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

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE Page: 148

				Male				Female			
#All Organs: Histiocytic Sarcoma		0/50	(0%)				2/50 (4%)				
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%		
#All Organs: Malignant Lymphoma: Histioc	ytic, Lymp			Undifferentiated Ce	ell Type						
Overall Incidence	Total	2/50 2/50 (4%)	(4%)	Mean 4%	SD 0%	Total	20/50 (40%) 20/50 (40%)	Mean 40%	SD 0%		
		, ,					20/30 (40/0)				
#All Organs: Mesothelioma: Benign		0/50	(0%)				0/50 (0%)				
	Total	0/50 (0%)	` ,	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#All Organs: Mesothelioma: Benign, Malign		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: Mesothelioma: Malignant		0/50	(00()				0/50 (00/)				
Overall Incidence	Total	0/50 0/50 (0%)	(0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
						1 Ulai					
#All Organs: Osteoma		0/50	(00()				0/50 /00/				
Overall Institutes	Tatal	0/50	(0%)	Mana 00/	CD 00/	Tatal	0/50 (0%)	Mann 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

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Page: 149

Report Date: 11/11/2014

Route: SKIN Vehicle: ACETONE

Length of Study: CHRONIC

			Male				Female			
#All Organs: Osteosarcoma										
		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#All Organs: Osteosarcoma or Osteoma		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
*Adrenal Cortex: Adenoma										
		6/50 (12%)				0/50 (0%)				
Overall Incidence	Total	6/50 (12%)	Mean 12%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
*Adrenal Medulla: Pheochromocytoma Benig										
Overall Incidence	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
*Adrenal Medulla: Pheochromocytoma Maligr										
		0/49 (0%)				2/50 (4%)				
Overall Incidence	Total	0/49 (0%)	Mean 0%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%		
*Adrenal Medulla: Pheochromocytoma: Benig	ın, Complex,	Malignant, NOS 0/49 (0%)				2/50 (4%)				
Overall Incidence	Total	0/49 (0%)	Mean 0%	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

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE **Page:** 150

			Male				Female	
#Blood Vessel: 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%
*Bone Marrow: Hemangioma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Bone Marrow: Hemangiosarcoma Overall Incidence	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
		1/30 (2/6)			·····		iviean 076	
*Bone Marrow: Mast Cell Tumor Malignant		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Bone Marrow: Sarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Bone: Fibroma								
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 151

Report Date: 11/11/2014

Route: SKIN

Vehicle: ACETONE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

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 (0%)0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% #Bone: Osteosarcoma or Osteoma 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% Total Mean 0% SD 0% 0/50 (0%) #Bone: Sarcoma 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% *Brain: **Granular Cell Tumor Benign** 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% SD 0% Total 0/50 (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

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE Page: 152

			Male				Female	
*Brain: Meningioma Malignant		0/50 (0)%)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Brain: Meningioma: Benign, Mal	ignant, NOS							
Overall Incidence	Total	0/50 (0 0/50 (0%)	0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
*Brain: Oligodendroglioma Malig	nant	1/50 (2	2%)			0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Brain: Oligodendroglioma, Glior		toma	2%)			0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Clitoral/Preputial Gland: Hemangioma								
Overall Incidence	Total	0/50 (0 0/50 (0%)	0%) Mean 0%	SD 0%	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%
*Clitoral/Preputial Gland: Hemangiosarcoma		0/50 (0)%)			0/49 (0%)		
Overall Incidence	Total	0/50 (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

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

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Report Date: 11/11/2014

Vehicle: ACETONE

Length of Study: CHRONIC

			Male			Female			
#Coagulating Gland: Granular Cell Tumor		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
#Coagulating Gland: Sarcoma									
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
#Eye: Melanoma 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%	
#Harderian Gland: Adenoma		8/50 (16%)				5/50 (10%)			
Overall Incidence	Total	8/50 (16%)	Mean 16%	SD 0%	Total	5/50 (10%)	Mean 10%	SD 0%	
#Harderian Gland: Carcinoma									
Occupation of decises	T-1-1	3/50 (6%)	Mara 2007	00.00/	Taral	2/50 (4%)	NA 40/	00.00/	
Overall Incidence	Total	3/50 (6%)	Mean 6%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%	
#Harderian Gland: Carcinoma or Adenoma		11/50 (22%)				7/50 (14%)			
Overall Incidence	Total	11/50 (22%)	Mean 22%	SD 0%	Total	7/50 (14%)	Mean 14%	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

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE Page: 154

			Male				Female	
*Heart: Hemangiosarcoma								
Overall Incidence	Total	1/50 (2%) 1/50 (2%)	%) Mean 2%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Intestine Large: Cecum: Adenoma								
Overall Incidence	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Intestine Large: Cecum: Carcinoma		0/50 (0%	<i>'</i>			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Intestine Large: Cecum: Carcinoma or Adenoma		1/50 (29				0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Intestine Large: Cecum: Leiomyosarcoma								
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	%) Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Duodenum: Adenoma		0/50 (0%	/)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%) 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

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE **Page:** 155

				Male				Female	
#Intestine Small: Duodenum: Carcinoma									
		0/50 (0	%)				1/50 (2%)		
Overall Incidence	Total	0/50 (0%)	Mean	- / -	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%
#Intestine Small: Ileum: Adenoma									
		0/50 (0	,				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean	0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Ileum: Carcinoma									
		0/50 (0	,		25 22/		0/50 (0%)		00.007
Overall Incidence	Total	0/50 (0%)	Mean		SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Jejunum: Adenoma									
		0/50 (0	,				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean		SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Jejunum: Carcinoma									
		2/50 (4	%)				0/50 (0%)		
Overall Incidence	Total	2/50 (4%)	Mean	4%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Jejunum: Leiomyosarcoma	••••								
		0/50 (0	,				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean		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

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE Page: 156

			Male				Female	
#Intestine Small: Site Uns	specified:							
Overall Incidence	Total	0/50 (0%)	%) Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Intestine Small: Site Uns Carcinoma	specified:							
Overall Incidence	Total	2/50 (4%) 2/50 (4%)	%) Mean 4%	SD 0%	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%
#Intestine Small: Site Uns Carcinoma or Adenoma	specified:	2/50 (49	W)			1/50 (2%)		
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%
#Intestine Small: Site Uns Leiomyosarcoma		0/50 (09				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Islets, Pancreatic: Adenoma								
Overall Incidence	Total	0/50 (09 0/50 (0%)	%) Mean 0%	SD 0%	Total	2/49 (4%) 2/49 (4.08%)	Mean 4.08%	SD 0%
*Islets, Pancreatic: Carcinoma		0/50 /00	····			0/40 /00/		
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

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE **Page:** 157

			Male				Female	
*Islets, Pancreatic: Carcinoma or Adenoma								
		0/50 (0%)				2/49 (4%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	2/49 (4.08%)	Mean 4.08%	SD 0%
*Kidney: Pelvis and Transitio Carcinoma	nal Epitheliu	ım:						
		0/48 (0%)				0/49 (0%)		
Overall Incidence	Total	0/48 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
*Kidney: Pelvis and Transitio Carcinoma or Adenoma	nal Epitheliu	um: 0/48 (0%)				0/49 (0%)		
Overall Incidence	Total	0/48 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Adenoma						2(12 (22)		
Overall Incidence	Total	2/48 (4%) 2/48 (4.17%)	Mean 4.17%	SD 0%	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Carcinoma								
		0/48 (0%)				0/49 (0%)		
Overall Incidence	Total	0/48 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Carcinoma or Adenoma								
		2/48 (4%)				0/49 (0%)		
Overall Incidence	Total	2/48 (4.17%)	Mean 4.17%	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

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Page: 158

Report Date: 11/11/2014

Vehicle: ACETONE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male				Female	
*Kidney: Renal Tubule: Hemangioma								
Overall Incidence	Total	0/48 (0%) 0/48 (0%)	Mean 0%	SD 0%	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Hemangiosarcoma		0/48 (0%)				0/49 (0%)		
Overall Incidence	Total	0/48 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
*Liver: Hemangioma								
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
*Liver: Hemangiosarcoma Overall Incidence	Total	2/50 (4%)	Moon 49/	SD 00/	Total	0/50 (0%) 0/50 (0%)	Moon 09/	SD 0%
Overall incidence		2/50 (4%)	Mean 4%	SD 0%		0/50 (0%)	Mean 0%	2D 0%
*Liver: Hepatoblastoma		E/50 (400V)				0/50 (00/)		
Overall Incidence	Total	5/50 (10%) 5/50 (10%)	Mean 10%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
*Liver: Hepatocellular Adenoma		34/50 (68%)				34/50 (68%)		
Overall Incidence	Total	34/50 (68%)	Mean 68%	SD 0%	Total	34/50 (68%)	Mean 68%	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

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE **Page:** 159

			Male				Female	
*Liver: Hepatocellular Carcino	ma							
Overall Incidence	Total	22/50 (44%) 22/50 (44%)	Mean 44%	SD 0%	Total	12/50 (24%) 12/50 (24%)	Mean 24%	SD 0%
	ı olal	22/50 (44%)	iviean 44%			12/50 (24%)	Wiean 24%	
*Liver: Hepatocellular Carcino	ma or Hepatobla	ustoma						
•	•	26/50 (52%)				12/50 (24%)		
Overall Incidence	Total	26/50 (52%)	Mean 52%	SD 0%	Total	12/50 (24%)	Mean 24%	SD 0%
*Liver: Hepatocellular Carcino	-	37/50 (74%)		00.00		37/50 (74%)	M 740/	00.00
Overall Incidence	Total	37/50 (74%)	Mean 74%	SD 0%	Total	37/50 (74%)	Mean 74%	SD 0%
*Liver: Hepatocellular Carcino	ma, Hepatocellu	lar Adenoma, or Hepatob 38/50 (76%)	lastoma					
Overall Incidence	Total	38/50 (76%)	Mean 76%	SD 0%	Total	37/50 (74%) 37/50 (74%)	Mean 74%	SD 0%
*Liver: Hepatocholangiocarcin		38/50 (76%)				37/50 (74%)		
*Liver:		38/50 (76%)				37/50 (74%)		
*Liver: Hepatocholangiocarcin	noma	38/50 (76%) 2/50 (4%)				37/50 (74%) 0/50 (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

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE **Page:** 160

			Male				Female	
*Liver: Mast Cell Tumor Malignant	:							
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
*Liver: 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%
*Lung: Alveolar/Bronchiolar Aden						2/50 (60/)		
Overall Incidence	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%	Total	3/50 (6%) 3/50 (6%)	Mean 6%	SD 0%
*Lung: Alveolar/Bronchiolar Carci		12/50 (24%)				2/50 (4%)		
Overall Incidence	Total	12/50 (24%)	Mean 24%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%
*Lung: Alveolar/Bronchiolar Carci	noma or Alve	eolar/Bronchiolar Adeno 13/50 (26%)	ma			5/50 (10%)		
Overall Incidence	Total	13/50 (26%)	Mean 26%	SD 0%	Total	5/50 (10%)	Mean 10%	SD 0%
*Lung: Hemangiosarcoma		0/50 (05)				0/50 (00/)		
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE **Page**: 161

				Male				Female	
#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, Mediastinal: 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: Hemangiosarcoma		4/50	(00()				0/50 (00/)		
Overall Incidence	Total	1/50 1/50 (2%)	(2%)	Mean 2%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Mammary Gland: Carcinoma		0/50	(00()				0/50 (00/)		
Overall Incidence	Total	0/50 0/50 (0%)	(0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Mammary Gland: Carcinoma or Adenoma									
			(0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Mammary Gland: Fibroma, Fibroadenoma, Cal	rcinoma, or		(00()				0/50 (00/)		
Overall Incidence	Total		(0%)	Moon 0%	SD 0%	Total	0/50 (0%)	Moon 0%	SD 00/
Overali 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

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

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Report Date: 11/11/2014

Route: SKIN

Vehicle: ACETONE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male				Female	
#Mesentery: 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%
#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%
#Mesentery: Lipoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Mesentery: Sarcoma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
Overall incidence		0/50 (0%)				0/50 (0%)	wean 0%	5D 0%
*Nose: Adenoma		2/22 (221)				2/52 (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%
*Nose: 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

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: ACETONE

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			Male			Female				
#Oral Cavity (Oral Mucosa, T Papilloma Squamous or Pa		/nx, Tooth, Gingiva):								
Overell lesidence	Tatal	0/50 (0%)	Maan 00/	CD 00/	Tatal	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%		
#Oral Cavity (Oral Mucosa, T Squamous Cell Carcinoma		ynx, Tooth, Gingiva):								
		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#Oral Cavity (Oral Mucosa, T Squamous Cell Carcinoma	•	Squamous, or 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%		
#Oral Mucosa: Squamous Cell Carcinoma		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
*Ovary: Choriocarcinoma										
						0/47 (0%)				
Overall Incidence					Total	0/47 (0%)	Mean 0%	SD 0%		
*Ovary: Cystadenocarcinoma						4/47 (20/)				
Overall Incidence					Total	1/47 (2%) 1/47 (2.13%)	Mean 2.13%	SD 0%		
Overall incluence					Total	1/47 (2.13%)		3D 0%		

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

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Report Date: 11/11/2014

Contract/Lab: All Laboratories Tu

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE

Length of Study: CHRONIC

	Male			Female	
*Ovary: Cystadenoma			1/47 (2%)		
Overall Incidence		Total	1/47 (2.13%)	Mean 2.13%	SD 0%
*Ovary: Granulosa Cell Tumor Benign					
Overall Incidence		Total	0/47 (0%) 0/47 (0%)	Mean 0%	SD 0%
*Ovary: Granulosa Cell Tumor: Benign, Malignant, NOS			0/47 (0%)		
Overall Incidence		Total	0/47 (0%)	Mean 0%	SD 0%
*Ovary: Hemangioma			0/47 (0%)		
Overall Incidence		Total	0/47 (0%) 0/47 (0%)	Mean 0%	SD 0%
*Ovary: Hemangiosarcoma			0/47 (00/)		
Overall Incidence		Total	0/47 (0%) 0/47 (0%)	Mean 0%	SD 0%
*Ovary: Luteoma					
Overall Incidence		Total	0/47 (0%) 0/47 (0%)	Mean 0%	SD 0%

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

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Report Date: 11/11/2014

SD 0%

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: ACETONE

Male **Female** *Ovary: Sarcoma 0/47 (0%)**Overall Incidence** Total 0/47 (0%) Mean 0% SD 0% *Ovary: **Tubulostromal Adenoma** 0/47 (0%)**Overall Incidence** Total 0/47 (0%) Mean 0% SD 0% *Ovary: Yolk Sac Carcinoma 0/47 (0%)**Overall Incidence** Total 0/47 (0%) Mean 0% SD 0% *Pancreas: 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% *Pancreas: 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% *Pituitary Gland: Pars Distalis or Unspecified Site: Adenoma

SD 0%

7/49

Total

7/49 (14.29%)

(14%)

Mean 14.29%

Total

0/50

0/50 (0%)

(0%)

Mean 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

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE Page: 166

				Male				Female	
*Pituitary Gland: Pars Dist Carcinoma or Adenoma		ied Site:							
	T		(0%)		00.007	+	7/49 (14%)		OD 004
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	7/49 (14.29%)	Mean 14.29%	SD 0%
*Pituitary Gland: Pars Inte Adenoma									
		0/50	(0%)				0/49 (0%)		
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
*Pituitary Gland: Pars Inte Carcinoma or Adenoma	rmedia:								
			(0%)				0/49 (0%)		
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
*Salivary Glands: Adenoma									
		0/50	(0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Salivary Glands: Carcinoma or Adenoma									
		0/50	(0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Salivary Glands: 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

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE Page: 167

0/50 I 0/50 (0%	(0%)			0/50 (0%)				
	` '							
I 0/50 (0%					` ,			
	b)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
	` ,	••	05 00/		` ,	• • • • • • • • • • • • • • • • • • • •	00.007	
•	6) 	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
0.50	(001)				2(72)			
	` '	M 00/	OD 00/	T-1-1	` '	M 00/	OD 00/	
•	•				, ,		SD 0%	
	(00)				2(72)			
0/50 (0%	(a)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
0/50	(0%)				2/50 (4%)			
0/50 (0%	6)	Mean 0%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%	
0/50	(0%)				0/50 (0%)			
	` '	Mean 0%	SD 0%	Total	` '	Mean 0%	SD 0%	
	0/50 al 0/50 (0% yoma 0/50 al 0/50 (0% 0/50 al 0/50 (0%	0/50 (0%) 0/50 (0%) al	0/50 (0%) Mean 0% 0/50 (0%) Mean 0% yoma 0/50 (0%) 1 0/50 (0%) Mean 0% 0/50 (0%) Mean 0% 0/50 (0%) Mean 0%	Mean 0% SD 0% O/50 (0%) Mean 0% SD 0% Mean 0% SD 0% yoma O/50 (0%) Mean 0% SD 0% O/50 (0%) Mean 0% SD 0% SD 0% Mean 0% SD 0%	Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% Total yoma 0/50 (0%) Mean 0% SD 0% Total yoma 0/50 (0%) Mean 0% SD 0% Total 7 Total 0/50 (0%) Mean 0% SD 0% Total	Mean 0% SD 0% Total 0/50 (0%) 0/50 (0%) 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) yoma 0/50 (0%) 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) 10 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) 11 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) 12 1/50 (4%) 13 0/50 (0%) Mean 0% SD 0% Total 2/50 (4%) 15 1/50 (0%)	Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% O/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% yoma O/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% O/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% O/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% O/50 (0%) Mean 0% SD 0% Total 2/50 (4%) Mean 4% O/50 (0%) Mean 0% SD 0% Total 0/50 (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

Report Date: 11/11/2014

Page: 168

Species: MICE Strain: B6C3F1 Route: SKIN Vehicle: ACETONE

Length of Study: CHRONIC

			Male				Female	
#Skin: Basal Cell Carcinoma	or Basosquamou	us Tumor (malignant or N 0/50 (0%)	NOS)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Skin:	Basal Cell Adend	oma, Basosquamous Tu						
,,		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
Adenoma, Papilloma, S	Sq Papilloma, Ke	a, Basosq. Tumor (M or ratoacanthoma, Trichoe 1/50 (2%)	pithelioma		Total	1/50 (2%)	M 20/	CD 00/
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%
#Skin: Fibroma, Fibrosarcom Overall Incidence	a, Sarcoma, Myxo	oma, Myxosarcoma, or F 0/50 (0%) 0/50 (0%)	Fibrous Histiocytoma	SD 0%	Total	4/50 (8%) 4/50 (8%)	Mean 8%	SD 0%
#Skin: Fibrosarcoma		0/50 (0%)				3/50 (6%)		
		,	Marana 00/	SD 0%	Total	3/50 (6%)	Mean 6%	SD 0%
Overall Incidence	Total	0/50 (0%)	Mean 0%	3D 0%	iotai	0/00 (0/0)	Modif 070	
#Skin:		0/50 (0%) a, or Fibrous Histiocytom 0/50 (0%)		3D 0%	·····	4/50 (8%)	indan 070	

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

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE Report Date: 11/11/2014

Page: 169

				Male				Female	
#Skin: Fibrous Histiocytoma									
Overall Incidence	Total	0/50 (0%)	(0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Skin: Granular Cell Tumor Benign									
Grandial Gen Tullion Beiligh		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: 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			(4%)				2/50 (4%)		
Overall Incidence	Total	2/50 (4%)	` ,	Mean 4%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%
#Skin: Keratoacanthoma									
		0/50	(0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Skin: Lipoma									
Overall Incidence	Total		(0%)	Maan OO/	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

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE

d Control Animal Groups Report Date: 11/11/2014

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			Male				Female	
#Skin: Liposarcoma 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: Mast 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%
#Skin: Mast Cell Tumor Malignant		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Skin: Melanoma 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%
#Skin: Melanoma 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%
#Skin: Neural Crest Tumor		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

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE Page: 171

			Male			0/50 (0%) al 0/50 (0%) Mean 0% SD 0% 0/50 (0%) al 0/50 (0%) Mean 0% SD 0% 0/50 (0%)		
#Skin: Neurofibroma or Schwan	noma benign							
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	` '	Mean 0%	SD 0%
#Skin:								
Neurofibrosarcoma or So	chwannoma (m	alignant or NOS) 0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	` '	Mean 0%	SD 0%
#Skin:								
Neurofibrosarcoma, Neu	rofibroma, or S	chwannoma (benign, ma	lignant or NOS)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)		SD 0%
#Skin:								
Osteosarcoma		0/50 (00/)				0/50 (00/)		
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)		SD 0%
#Skin:								
Sarcoma								
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%
Overall incidence	10tai	0/50 (0%)		3D 0%	ı otal	1/50 (2%)	Weari 2%	טע עצ 👊
#Skin: Schwannoma 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%

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

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

Route: SKIN

Length of Study: CHRONIC

Vehicle: ACETONE

Page: 172

		Male				Female	
	0/50 (0%)				0/50 (0%)		
Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
a	1/50 (2%)				1/50 (2%)		
Total	1/50 (2%)	Mean 2%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%
a or Papilloma	4/50 (20/)				4/50 (20/)		
Total	1/50 (2%)	Mean 2%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%
a, Papilloma, S		a or Keratoacanthor	ma		1/50 (2%)		
Total	1/50 (2%)	Mean 2%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%
a, Papilloma, o	r Keratoacanthoma 1/50 (2%)				1/50 (2%)		
Total	1/50 (2%)	Mean 2%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%
	Total Total	Total 0/50 (0%) na, Basal Cell Carcinoma, Basosquamor 0/50 (0%) Total 0/50 (0%) a 1/50 (2%) Total 1/50 (2%) Total 1/50 (2%) Total 1/50 (2%) a, Papilloma, Squamous Cell Carcinoma 1/50 (2%) Total 1/50 (2%)	0/50 (0%) Total 0/50 (0%) Mean 0% na, Basal Cell Carcinoma, Basosquamous Tumor (malignar 0/50 (0%) Total 0/50 (0%) Mean 0% a 1/50 (2%) Total 1/50 (2%) Mean 2% a or Papilloma 1/50 (2%) Mean 2% a, Papilloma, Squamous Cell Carcinoma or Keratoacanthor 1/50 (2%) Total 1/50 (2%) Mean 2% a, Papilloma, or Keratoacanthoma 1/50 (2%) Total 1/50 (2%) Mean 2% Total 1/50 (2%) Mean 2%	O/50 (0%) Mean 0% SD 0%	Total 0/50 (0%) Mean 0% SD 0% Total	O/50 (0%) Mean 0% SD 0% Total O/50 (0%) O/50 (0%) O/50 (0%) Mean 0% SD 0% Total O/50 (0%) O/50 (Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% Mean 0% SD 0% Total 0/50 (0%) Mean 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

Length of Study: CHRONIC

Toxicology Data Management System

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Report Date: 11/11/2014

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Vehicle: ACETONE

			Male	Female				
#Spinal Cord: 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%
*Spleen: Hemangiosarcoma		4/49 (8%)				0/49 (0%)		
Overall Incidence	Total	4/49 (8.16%)	Mean 8.16%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
*Spleen: Mast Cell Tumor Malignant		•••••						
		0/49 (0%)				0/49 (0%)		
Overall Incidence	Total	0/49 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
#Stomach, Forestomach: Squamous Cell Carcinoma								
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Stomach, Forestomach: Squamous Cell Carcinoma o	or Papillom	a Squamous 3/50 (6%)				2/50 (4%)		
Overall Incidence	Total	3/50 (6%)	Mean 6%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%
#Stomach, Forestomach: Squamous Cell Papilloma						0/50 (40/)		
	-	3/50 (6%)		OD 00/	-	2/50 (4%)	14 40/	OD 00/
Overall Incidence	Total	3/50 (6%)	Mean 6%	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

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE
Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE Page: 174

			Male	Female				
#Stomach, Glandular: 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%
#Stomach, Glandular: Carcinoma								
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Stomach, Glandular: Carcinoma or Adenoma		0/50 (004)				0/50 (00/)		
Overall Incidence	Total	0/50 (0%)	Maan 00/	SD 0%	Total	0/50 (0%)	Maan 00/	SD 0%
		0/50 (0%)	Mean 0%			0/50 (0%)	Mean 0%	0% עכ
*Testes: Adenoma		4/50 (00/)						
Overall Incidence	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%				
*Testes: Hemangioma								
		0/50 (0%)						
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%				
*Thymus: Neoplasm NOS		0/40 (00%)				0/47 (00/)		
Overall Incidence	Total	0/48 (0%)	Mean 0%	SD 0%	Total	0/47 (0%)	Mean 0%	SD 0%
Overall incluence	Total	0/48 (0%)	ivican 0%	SD 0%	Total	0/47 (0%)	ivicari 0%	3D 0%

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

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE **Page:** 175 Report Date: 11/11/2014

				Male			Female	
*Thymus: Thymoma Benign		0/40 /5	2007			0/47	(00/)	
Overall Incidence	Total	0/48 (0%)	0%) Mean	0% SD 09	% Total	0/47 (0%)		SD 0%
*Thymus: Thymoma Malignant		0/48 (0)%)				2%)	
Overall Incidence	Total	0/48 (0%)	Mean	0% SD 09	% Total	`	` ,	SD 0%
*Thymus: Thymoma: Benign, Maligna	ant, NOS	0/48 (0)%)			1/47 (2%)	
Overall Incidence	Total	0/48 (0%)	Mean	0% SD 09	% Total	`	` ,	SD 0%
*Thyroid Gland: C-Cell: Adenoma Overall Incidence	Total		0%) Mean	0% SD 0	% Total	,	(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 09	% Total	,	` ,	SD 0%
*Thyroid Gland: C-Cell: Carcinoma or Adenoma		0/50 (0)%)			0/49 ((0%)	
Overall Incidence	Total	0/50 (0%)	Mean	0% SD 09	% Total	`	` ,	SD 0%

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

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

Route: SKIN Vehicle: ACETONE

Length of Study: CHRONIC

KIN

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			Male	Female				
*Thyroid Gland: Follicular Cell: Adenoma								
		0/50 (0%	6)			0/49 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma		0/50 (0%	()			0/49 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
#Tissue NOS: Fibrosarcoma								
Overall Incidence	Total	0/50 (0% 0/50 (0%)	%) Mean 0%	SD 0%	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%
						1/50 (2/0)		
#Tissue NOS: Hemangiosarcoma		0/50 (0%	6)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Tongue: Squamous Cell Carcinoma o								
		0/50 (0%	6)			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								
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

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

nimal Groups Report Date: 11/11/2014

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Mean 0%

SD 0%

Male **Female** #Tooth: Odontoma 0/50 (0%)0/50 (0%)0/50 (0%) SD 0% SD 0% **Overall Incidence** Total Mean 0% Total 0/50 (0%) Mean 0% #Urethra: Hemangiosarcoma 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% *Urinary Bladder: Hemangiosarcoma 0/47 (0%)0/48 (0%)SD 0% **Overall Incidence** Total 0/47 (0%) Mean 0% Total 0/48 (0%) Mean 0% SD 0% **#Uterus:** Adenoma 0/50 (0%)SD 0% **Overall Incidence** Total 0/50 (0%) Mean 0% #Uterus: Carcinoma 0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% **#Uterus:** Hemangioma 0/50 (0%)

Total

0/50 (0%)

Overall Incidence

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

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Report Date: 11/11/2014

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

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE **Page:** 179

			Male				Female	
#Zymbal's Gland: Carcinoma								
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Zymbal's Gland: Carcinoma or Adenoma								
		0/50 (0%)				0/50 (0%)		
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