

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

F1_M3

C Number: C99037B

Lock Date: 11/20/2006

Cage Range: ALL

Date Range: ALL

Reasons For Removal: 25022 ACCK 25021 TSAC 25020 NATD

25019 MSAC 25018 DACC

Removal Date Range: ALL

Treatment Groups: Include ALL

Study Gender: Both

TDMSE Version: 2.1.0

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Lab: SRI

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

X .. Essien present
| .. Insufficient tissue

DEAN :: Not examined microscopically

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Lab: SRI

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

Parathyroid Gland + + + M + + + + + + + + + + M +

Pituitary Gland + + + + + + + + + + + + + + + + + + M + + + + + +

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Lab: SRI

		DAY ON TEST																				
		ANIMAL ID																				
B6C3F1 MICE MALE		0 MG/KG																				males (cont...)
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7	6	5	7	7	7	7	7	7	7	7	4	7	7	7	7	7	6	7	7	7		
3	4	6	3	2	2	3	3	3	3	3	9	3	3	3	3	2	3	0	3	3		
1	9	8	1	9	9	0	0	0	1	1	8	0	0	0	9	1	3	0	1	0		
.....		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2		
1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1		

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
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! .. Insufficient tissue

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Lab: SRI

URINARY SYSTEM

Alveolar/Bronchiolar Carcinoma, Metastatic, Lung

X

Lymphoma Malignant

X

Lymphoma Malignant

X

SYSTEMIC LESIONS

Histiocytic Sarcoma

X

Lymphoma Malignant

3

X

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		DAY ON TEST																												
		ANIMAL ID																												
B6C3F1 MICE MALE		0 MG/KG																									* TOTALS			
Hepatocellular Adenoma, Multiple		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	14			
Hepatocellular Carcinoma	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	13				
Hepatocellular Carcinoma, Multiple																											X	3		
Hepatocholangioma																													1	
Histiocytic Sarcoma																													1	
Lymphoma Malignant																													1	
Mesentery																													4	
Leiomyosarcoma, Metastatic, Intestine Small, Jejunum																													X	1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Leiomyosarcoma, Metastatic, Intestine Small, Jejunum																													X	1
Lymphoma Malignant																														1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Lymphoma Malignant																														1
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Tongue																													+	1
Fibroma																													X	1

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Lab: SRI

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																							1
Subcapsular, Adenoma																							2
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	49
Pheochromocytoma Malignant											X												1
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adenoma										X				X									4
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	M	+	M	M	+	+	+	+	M	+	+	M	43
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	48
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	49
Follicular Cell, Adenoma																				X			1

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Lab: SRI

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymphoma Malignant																								3	
<hr/>																									
Lymph Node																									3
Lymphoma Malignant																									1
Iliac, Lymphoma Malignant																									1
Mediastinal, Lymphoma Malignant																									2
Pancreatic, Lymphoma Malignant																									1
Renal, Lymphoma Malignant																									1
Thoracic, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																									1
<hr/>																									
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	47
Lymphoma Malignant																									1
<hr/>																									
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	49
Lymphoma Malignant																									1
Plasma Cell Tumor Malignant																									1
<hr/>																									
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemangiosarcoma																			X						1
<hr/>																									
																			X						

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Lab: SRI

Lymphoma Malignant

INTEGUMENTARY SYSTEM

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

* ... Total animals with tissue examined microscopically: Total animals with tumor

† .. Tissue examined microscopically

.. Lesion present

.. Lesion present
 Insufficient tissue

M .. Missing tissue

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Lab: SRI

		DAY ON TEST																			
		ANIMAL ID																			
B6C3F1 MICE MALE		0 MG/KG																			
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	7	7	6	7	6	7	5	7	7	5	7	7	7	7	7	4	7	7	7	7	7
2	2	3	0	2	7	3	9	2	3	8	3	2	3	3	2	7	3	2	2	3	3
9	9	0	4	9	7	0	8	9	1	1	0	9	0	1	9	6	1	9	9	1	1
<hr/>																					
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
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Lab: SRI

URINARY SYSTEM

SYSTEMIC LESIONS

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x .. Lesion present
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ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	M	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	A	+	+	+	M	+	+	+	+	A	+	+	+	+	+	+	+
Carcinoma										X					X							
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma										X									X			
Hepatoblastoma										X										X	X	
Hepatocellular Adenoma												X	X				X	X	X			
Hepatocellular Adenoma, Multiple	X			X	X							X	X				X	X				

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

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A .. Autolysis precludes evaluation

x .. Lesion present

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Lab: SRI

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

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+ .. Tissue examined microscopically

x ... Lesion present

x .. Lesion present
| Insufficient tissue

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Lab: SRI

		DAY ON TEST																				
		ANIMAL ID																				
B6C3F1 MICE MALE		3 MG/KG																				males (cont...)
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	7	7	7	7	7	6	7	7	7	7	6	7	7	7	7	6	7	7	7	7	6	7
3	3	3	3	3	3	5	3	2	3	2	7	3	3	3	3	5	2	3	3	3	6	3
0	0	1	1	0	4	1	9	0	9	4	0	1	1	0	4	9	1	0	1	0	3	1
1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3

NERVOUS SYSTEM

RESPIRATORY SYSTEM

Trachea +

SPECIAL SENSES SYSTEM

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Lab: SRI

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Gallbladder	+	+	+	+	+	+	+	+	A	+	+	+	+	I	+	+	+	+	M	+	+	+	+	45	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Large, Colon	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	A	I	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	48	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46	
Carcinoma																								2	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemangiosarcoma										X														3	
Hepatoblastoma																								3	
Hepatocellular Adenoma					X			X	X			X		X	X	X									15
Hepatocellular Adenoma, Multiple					X			X										X			X	X			8

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DEAN :: Not examined microscopically

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Lab: SRI

CARDIOVASCULAR SYSTEM

Heart

ENDOCRINE SYSTEM

Adrenal Cortex

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Lab: SRI

GENERAL BODY SYSTEM

Tissue NOS + 1
Hemangiosarcoma X 1

GENITAL SYSTEM

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	DAY ON TEST																		
B6C3F1 MICE MALE 3 MG/KG	ANIMAL ID																		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	7	7	0	7	7	5	7	6	7	7	7	7	7	7	7	7	7	7	7
3	3	3	0	1	3	2	3	8	3	3	3	3	3	2	3	3	3	2	3
1	0	0	4	5	0	9	1	7	1	1	0	0	0	1	9	0	1	1	9
.....
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	7	7	7	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	0
6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

INTEGUMENTARY SYSTEM

MUSCULOSKELETAL SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

NERVOUS SYSTEM

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
! .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

URINARY SYSTEM

SYSTEMIC LESIONS

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A.. Autolysis precludes evaluation

x ... Lesion present

BLANK .. Not examined microscopically

| Insufficient tissue

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

B6C3F1 MICE MALE 6 MG/KG	ANIMAL ID	DAY ON TEST																								males (cont...)	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		6	7	7	7	7	7	6	6	6	7	6	7	7	5	7	7	7	7	7	7	7	7	7			
		8	3	3	2	2	2	2	9	9	7	2	9	2	2	8	3	3	3	3	2	2	3	2			
		8	1	0	9	9	9	9	6	8	7	9	1	9	9	9	0	0	0	9	0	9	9	0			
Hemangiosarcoma																										X	
Hepatoblastoma																											
Hepatocellular Adenoma	X																										
Hepatocellular Adenoma, Multiple		X	X																								
Hepatocellular Carcinoma				X																							
Hepatocellular Carcinoma, Multiple					X																						
Lymphoma Malignant						X																					
Mesentery							+																				
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																											
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Lymphoma Malignant																											
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Lymphoma Malignant																											
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Squamous Cell Papilloma																											
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Tooth																											

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

| .. Insufficient tissue

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

Renal Tubule, Adenoma

Urinary Bladder

Lymphoma Malignant

SYSTEMIC LESIONS

Multiple Organ

Lymphoma Malignant

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

B6C3F1 MICE MALE 6 MG/KG	ANIMAL ID	DAY ON TEST																								* TOTALS	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	7	7	7	7		
		3	2	6	3	3	3	2	0	3	2	3	3	3	3	3	2	3	3	3	3	7	3	2	2	2	
		0	9	4	1	0	0	9	4	0	9	1	0	0	1	0	9	0	0	1	1	5	0	9	9	9	
Hemangiosarcoma																										X	2
Hepatoblastoma																											1
Hepatocellular Adenoma		X						X	X			X		X	X	X						X	X			16	
Hepatocellular Adenoma, Multiple		X		X	X	X	X															X					14
Hepatocellular Carcinoma		X	X	X	X	X					X	X	X	X	X	X										15	
Hepatocellular Carcinoma, Multiple		X						X	X			X										X	X				8
Lymphoma Malignant																											1
Mesentery																											3
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																											1
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymphoma Malignant																											1
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymphoma Malignant																											2
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Squamous Cell Papilloma																											1
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Tooth																											1

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thyione mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

		DAY ON TEST																						
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	7	7	7	7	
		3	2	6	3	3	3	2	0	3	2	3	3	3	3	2	3	3	7	3	2	2	2	
		0	9	4	1	0	0	9	4	0	9	1	0	0	1	0	9	0	0	1	1	5	0	
B6C3F1 MICE MALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6 MG/KG		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		ANIMAL ID	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	*
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	TOTALS

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

INTEGUMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

Renal Tubule, Adenoma

X

1

Urinary Bladder

50

Lymphoma Malignant

SYSTEMIC LESIONS

Multiple Organ

50

Lymphoma Malignant

microscopically: Total animals with tumor

M .. Missing tissue

† .. Tissue examined microscopically

A.. Autolysis precludes evaluation

x ... Lesion present

BLANK - Not examined microscopically

.. Lesion present
 Insufficient tissue

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

		DAY ON TEST																									
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		7	7	6	7	7	7	6	7	7	7	7	6	7	7	6	7	6	7	6	7	5	7	7	7	7	7
		2	2	0	3	3	2	1	3	2	3	2	3	0	3	3	5	3	7	3	9	3	7	2	3	3	3
		9	9	4	0	1	9	9	0	9	0	9	0	8	1	1	2	0	7	0	1	0	9	9	0	0	0
B6C3F1 MICE MALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 MG/KG		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		ANIMAL ID																									
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

B6C3F1 MICE MALE 12 MG/KG	ANIMAL ID	DAY ON TEST																								
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		7	7	6	7	7	7	6	7	7	7	7	6	7	7	6	7	6	7	6	7	5	7	7	7	
		2	2	0	3	3	2	1	3	2	3	2	3	0	3	3	5	3	7	3	9	3	7	2	3	3
		9	9	4	0	1	9	9	0	9	0	8	1	1	2	0	7	0	1	0	9	9	0	0	0	0
Islets, Pancreatic Adenoma		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland		+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	
Thyroid Gland		+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Follicular Cell, Adenoma																									X	

GENERAL BODY SYSTEM

Tissue NOS

GENITAL SYSTEM

Epididymis

+ +

Penis

+

Preputial Gland

+ +

Prostate

+ +

Seminal Vesicle

+ +

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | |
|------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 6 | 7 | 6 | 7 |
| | 2 | 2 | 0 | 3 | 3 | 2 | 1 | 3 | 2 | 3 | 2 | 3 | 0 | 3 | 3 | 5 | 3 | 7 | 3 | 9 |
| | 9 | 9 | 4 | 0 | 1 | 9 | 9 | 0 | 9 | 0 | 9 | 0 | 8 | 1 | 1 | 2 | 0 | 7 | 0 | 1 |
| <hr/> | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 MG/KG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | ANIMAL ID | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| <hr/> | | | | | | | | | | | | | | | | | | | | |
| Thymus | + | + | + | M | + | + | I | + | + | + | + | + | + | + | + | + | M | M | I | + |
| | + | + | + | M | + | + | I | + | + | + | + | + | + | + | + | + | M | M | I | + |

INTEGUMENTARY SYSTEM

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

Brain +

RESPIRATORY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

Alveolar/Bronchiolar Adenoma

Alveolar/Bronchiolar Carcinoma

Alveolar/Bronchiolar Carcinoma, Multiple

Hepatoblastoma, Metastatic, Liver

Hepatocellular Carcinoma, Metastatic Liver

Schwannoma Malignant, Metastatic, Heart

X X

X

SPECIAL SENSES SYSTEM

Eye

Harderian Gland

Adenoma

Carcinoma

X

URINARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

Kidney

Hepatoblastoma, Metastatic, Liver

Urinary Bladder

SYSTEMIC LESIONS

Multiple Organ

Lymphoma Malignant

x

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Gallbladder | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | M | + | M | + | + | + | + | + | 41 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cholangioma | | | | | | | | | | | | | | | | | X | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

| .. Insufficient tissue

<http://www.oxfordjournals.org/oxrep/>

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

| B6C3F1 MICE MALE
12 MG/KG | ANIMAL ID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 7 | 7 | 7 | 0 | 7 | 7 | 4 | 7 | 7 | 7 | 4 | 5 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 3 | 3 | 3 | 0 | 0 | 3 | 5 | 2 | 2 | 3 | 3 | 7 | 4 | 3 | 3 | 3 | 1 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 |
| | | 0 | 1 | 1 | 4 | 9 | 0 | 6 | 9 | 9 | 0 | 0 | 0 | 5 | 0 | 1 | 1 | 8 | 0 | 0 | 9 | 0 | 9 | 0 | 1 | 0 |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Hepatoblastoma | | | | | | | | | | | | | | | | | | | | | | | X | X | | 2 |
| Hepatocellular Adenoma | | X | | X | X | | | | X | | | X | | X | X | X | X | X | X | X | X | X | | | | 16 |
| Hepatocellular Adenoma, Multiple | | | | | | | | | X | | | | | | | | | | | | | | X | X | | 12 |
| Hepatocellular Carcinoma | | | X | | | | | | | X | | X | | | | | | | | | | | | | | 13 |
| Hepatocellular Carcinoma, Multiple | | X | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Leiomyosarcoma, Metastatic, Stomach,
Glandular | | | | | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Mesentery | | | | | | | | + | | + | + | | | | | | | | | | | | + | | | 7 |
| Hemangioma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Leiomyosarcoma, Metastatic, Stomach,
Glandular | | | | | | | | | X | | | | | | | | | | | | | | | | | 1 |
| Pancreas | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hepatoblastoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | | | X | | | 1 |
| Leiomyosarcoma, Metastatic, Stomach,
Glandular | | | | | | | | | | X | | | | | | | | | | | | | | | | 1 |
| Salivary Glands | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Stomach, Forestomach | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Squamous Cell Carcinoma | | | | | | | | X | | | | | | | | | | | | | | | | | | 1 |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

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First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

Leiomyosarcoma

Mast Cell Tumor

Squamous Cell Carcinoma

Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach

Tongue + 1

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

Leiomyosarcoma, Metastatic, Stomach, Glandular

Subcapsular Adenoma

* ... Total animals with tissue examined microscopically: Total animals with tumor

† ... Tissue examined microscopically

x Lesion present

.. Lesion present
 Insufficient tissue

M Missing tissue

A .. Autolysis precludes evaluation

BLANK Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

| B6C3F1 MICE MALE
12 MG/KG | ANIMAL ID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|------------------------------|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 7 | 7 | 7 | 0 | 7 | 7 | 4 | 7 | 7 | 7 | 4 | 5 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | | 3 | 3 | 3 | 0 | 0 | 0 | 3 | 5 | 2 | 2 | 3 | 3 | 7 | 4 | 3 | 3 | 3 | 1 | 3 | 3 | 2 | 3 | 2 | 3 | 3 |
| | | 0 | 1 | 1 | 4 | 9 | 0 | 6 | 9 | 9 | 0 | 0 | 0 | 5 | 0 | 1 | 1 | 8 | 0 | 0 | 9 | 0 | 9 | 0 | 1 | 0 |
| Islets, Pancreatic Adenoma | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Parathyroid Gland | | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Pituitary Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Thyroid Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Follicular Cell, Adenoma | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

GENERAL BODY SYSTEM

| | | |
|------------|---|---|
| Tissue NOS | + | 1 |
|------------|---|---|

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Penis | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

INTEGUMENTARY SYSTEM

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
! .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

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First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| <hr/> | | | | | | | | | | | | | | | | | | | | | | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | 1 |
| Carcinoma | | | | | | | | | | | | | | | X | | | | | | | 1 |

URINARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

| B6C3F1 MICE MALE
12 MG/KG | ANIMAL ID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|-----------------------------------|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|---|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 7 | 7 | 7 | 0 | 7 | 7 | 4 | 7 | 7 | 7 | 4 | 5 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| | | 3 | 3 | 3 | 0 | 0 | 0 | 3 | 5 | 2 | 2 | 3 | 3 | 7 | 4 | 3 | 3 | 3 | 1 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | |
| | | 0 | 1 | 1 | 4 | 9 | 0 | 6 | 9 | 9 | 0 | 0 | 0 | 5 | 0 | 1 | 1 | 8 | 0 | 0 | 9 | 0 | 9 | 0 | 1 | 0 | |
| Kidney | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Hepatoblastoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | | | X | | | | | | 1 |
| Urinary Bladder | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

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Lab: SRI

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Gallbladder | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Colon | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hepatocellular Adenoma | | | | | | | X | | | | X | | | | | | | | | | | |
| Hepatocellular Adenoma, Multiple | | | | | | | X | | | | X | | | | | | | | | | | |
| Hepatocellular Carcinoma | | | | | | | | | | | | | | | | | | X | | | | |
| Hepatocellular Carcinoma, Multiple | | | | | | | | | | | | | | | | | | X | | | | |
| Mesentery | | | | | | | | | | | | | | | | | | | + | | | + |

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

| Insufficient tissue

DEAN :: Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thyione mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

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First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

**males
(cont...)**

Squamous Cell Papilloma

[†] The authors would like to thank the editor and anonymous referees for their useful comments and suggestions.

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

Adrenal Cortex +

Adrenal Medulla

Islets, Pancreatic +

Adenoma X

* .. Total animals with tissue examined microscopically; Total animals with tumor

† .. Tissue examined microscopically

- + .. Tissue examined
- x Lesion present

.. Lesion present
 Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

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First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

Lymph Node, Mesenteric

Spleen

Thymus

+ + + + + + + + + + + + | +

INTEGUMENTARY SYSTEM

Mammary Gland

Skin

Keratoacanthoma

MUSCULOSKELETAL SYSTEM

Bone

NERVOUS SYSTEM

Brain

RESPIRATORY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
! .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thyione mixture

CAS Number: THUJONEMIXAB

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First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

**males
(cont...)**

SPECIAL SENSES SYSTEM

URINARY SYSTEM

Kidney +

* .. Total animals with tissue examined microscopically: Total animals with tumor

+ .. Tissue examined microscopically

x ... Lesion present

| Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

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Lab: SRI

SYSTEMIC LESIONS

Multiple Organ

**males
(cont...)**

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

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Lab: SRI

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

| .. Insufficient tissue

BEAK: Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

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First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

Squamous Cell Papilloma X 1

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

Adenoma X 2

* ... Total animals with tissue examined microscopically: Total animals with tumor

† ... Tissue examined microscopically

x ... Lesion present

| Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

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First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

Lymph Node, Mesenteric

Spleen

Thymus

49

INTEGUMENTARY SYSTEM

Mammary Gland

Skin

Keratoacanthoma

MUSCULOSKELETAL SYSTEM

Bone

+

NERVOUS SYSTEM

Brain

+

RESPIRATORY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

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Lab: SRI

SPECIAL SENSES SYSTEM

URINARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

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Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

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Lab: SRI

SYSTEMIC LESIONS

Multiple Organ

*** END OF MALE DATA ***

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

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Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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Lab: SRI

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

X .. Lesion present
| .. Insufficient tissue

BEANK :: Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

Cranial Nerve, Schwannoma Malignant

RESPIRATORY SYSTEM

Alveolar/Bronchiolar Adenoma

Alveolar/Bronchiolar Adenoma, Multiple

Alveolar/Bronchiolar Carcinoma

Fibrosarcoma, Metastatic, S

Histiocytic Sarcoma

Lymphoma Malignant

Plasma Cell Tumor Malignant

X

X

x

SPECIAL SENSES SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

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First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | A | A | A | 43 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 48 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 46 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 48 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | A | 47 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Hepatocellular Adenoma | | | | | | | | | | | | | X | | X | | X | X | X | | X | | | 10 |
| Hepatocellular Adenoma, Multiple | | | | | | | | | | | | | | | | | | | X | X | | | | 3 |
| Hepatocellular Carcinoma | | | | | | | | | | | | | | | | | | | | | X | | | 2 |
| Hepatocellular Carcinoma, Multiple | | | | | | | | | | | | | | | | | | | | | X | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

ANK .. Not examined microscopically

| Insufficient tissue

BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

| B6C3F1 MICE FEMALE
0 MG/KG | ANIMAL ID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 2 | 7 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 8 | 4 | 3 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 1 | 1 | 1 | 1 | 1 | 3 | 0 | 0 | 6 | 3 |
| Histiocytic Sarcoma | X | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Plasma Cell Tumor Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Schwannoma Malignant, Metastatic, Skin | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 48 |
| Histiocytic Sarcoma | X | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 48 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

| B6C3F1 MICE FEMALE
0 MG/KG | ANIMAL ID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 2 | 7 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 8 | 4 | 3 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 1 | 1 | 1 | 1 | 1 | 3 | 0 | 0 | 6 | 3 |
| Adenoma | | | | | | | | | | | | | | | | | | | | | | X | | | | 1 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Plasma Cell Tumor Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Adrenal Medulla | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Islets, Pancreatic Adenoma | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | 48 |
| Parathyroid Gland | | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | M | + | + | 45 |
| Pituitary Gland Pars Distalis, Adenoma | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Thyroid Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Tissue NOS | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Plasma Cell Tumor Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

| .. Insufficient tissue

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

.. Lesion present
 .. Insufficient tissue

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

| | |
|--------------------|---|
| | 0 |
| DAY ON TEST | 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 6 7 7 7 7 7 7 7 7 5 2 7 |
| | 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 8 3 3 3 3 3 3 3 0 8 4 3 |
| | 3 3 3 3 3 3 3 3 3 3 3 2 2 2 2 3 1 1 1 1 1 3 0 0 6 3 |
| B6C3F1 MICE FEMALE | |
| ANIMAL ID | 0 |
| 0 MG/KG | 0 |
| | 2 3 |
| | 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 0 |
| | 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 * TOTALS |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | X | 1 | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Subcutaneous Tissue, Fibrosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Subcutaneous Tissue, Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Subcutaneous Tissue, Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Subcutaneous Tissue, Schwannoma | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | X | 3 |
| Rhabdomyosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Schwannoma Malignant, Metastatic, Skin | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |

NERVOUS SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
l .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

| | |
|-------------------------------|---|
| | 0 |
| DAY ON TEST | 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 6 7 7 7 7 7 7 7 7 5 2 7 |
| | 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 8 3 3 3 3 3 3 3 0 8 4 3 |
| | 3 3 3 3 3 3 3 3 3 3 3 2 2 2 2 3 1 1 1 1 1 3 0 0 6 3 |
| B6C3F1 MICE FEMALE
0 MG/KG | |
| ANIMAL ID | 0 |
| | 0 |
| | 2 3 |
| | 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 0 |
| | 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 |
| | * TOTALS |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Cranial Nerve, Schwannoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Alveolar/Bronchiolar Adenoma, Multiple | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Fibrosarcoma, Metastatic, Skin | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Plasma Cell Tumor Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

URINARY SYSTEM

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Histiocytic Sarcoma | X | | | | | | | | | | | | | | | | | | | | 2 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | X | X | | 6 |

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

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x .. Lesion present

X .. Lesion present
| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

Histiocytic Sarcoma

x

Lymphoma Malignant

x

SYSTEMIC LESIONS

Multiple Organ

Histiocytic Sarcoma

x

Lymphoma Malignant

× × × × × ×

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

ANK .. Not examined microscopically

.. Lesion present
 .. Insufficient tissue

BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

| B6C3F1 MICE FEMALE
3 MG/KG | ANIMAL ID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------------------------|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 7 | 7 | 7 | 7 | 0 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 5 | 6 | 5 | 7 | 0 | |
| | | 3 | 3 | 3 | 3 | 0 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 6 | 6 | 8 | 3 | 0 | |
| | | 3 | 3 | 3 | 3 | 6 | 3 | 4 | 3 | 3 | 2 | 2 | 2 | 2 | 7 | 2 | 6 | 9 | 5 | 2 | 5 | |
| Hepatocellular Carcinoma | | X | | | | | | | | | | | | | | | | | | | | 7 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | | X | X | | | | | | | | | | | | | | | | | | | 3 |
| Mesentery | | + | | | | | | | | | | | | | + | | | | | | | 6 |
| Pancreas | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | 1 |
| Sarcoma, Metastatic, Skin | | | | | | | | | | | | | | | | | | | | | | 1 |
| Salivary Glands | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | 1 |
| Stomach, Forestomach | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | 1 |
| Stomach, Glandular | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | 1 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

ENDOCRINE SYSTEM

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Alveolar/Bronchiolar Adenoma | X | | | X | | | | | | | | | | | | | | | | | 4 |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | | | | | | | | | | | | X | | 3 |

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thyione mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

Histiocytic Sarcoma
Lymphoma Malignant

SPECIAL SENSES SYSTEM

Adenoma X 1

Carcinoma X 2

Lymphoma Malignant 1

URINARY SYSTEM

Histiocytic Sarcoma 1

Lymphoma Malignant X 2

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

† .. Tissue examined microscopically

A.. Autolysis precludes evaluation

- ✗ Lesion present

BLANK Not examined microscopically

.. Lesion present

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

Histiocytic Sarcoma

1

Lymphoma Malignant

1

SYSTEMIC LESIONS

- * .. Total animals with tissue examined microscopically; Total animals with tumor
- + .. Tissue examined microscopically
- x .. Lesion present
- | .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXA

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x Lesion present

.. Lesion present
 Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland

+ + + + M +

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x ... Lesion present

BLANK - Not examined microscopically

| Insufficient tissue

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thyione mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

† .. Tissue examined microscopically

x Lesion present

| Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

NERVOUS SYSTEM

RESPIRATORY SYSTEM

Trachea +

SPECIAL SENSES SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
! .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------|
| | 0
7
3
2 | 0
7
3
2 | 0
7
3
3 | 0
4
8
2 | 0
7
3
3 | 0
7
3
2 | 0
7
3
3 | 0
7
3
3 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| B6C3F1 MICE FEMALE | | 0
0
0
0 | |
| 6 MG/KG | ANIMAL ID | 3
5
1 | 3
5
2 | 3
5
2 |

**females
(cont...)**

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Adenoma | | | | | X | | X | | | | | | | | | | | | | | | | | | | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | X | | X | | | | | | | |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | X | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | |

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Lymphoma Malignant | | | | X | | | | | | | | | | | | | X | | | | | | | | | |
| Mesothelioma Malignant | | | | | | | | | | | | | | | | | X | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXA

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SR

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Esophagus | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Gallbladder | + | + | A | + | + | + | + | A | A | + | M | + | + | + | + | + | M | + | + | + | M | + | + | + | + | 43 |
| Intestine Large, Cecum | + | + | A | + | + | + | + | + | A | + | + | M | + | + | + | + | A | + | + | + | + | + | + | + | + | 46 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 48 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Duodenum | + | + | A | + | + | + | + | A | A | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 45 |
| Intestine Small, Ileum | + | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 45 |
| Intestine Small, Jejunum | + | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 45 |
| Liver | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | X | + | + | + | + | + | + | + | + | 49 |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | X | | | | | | | | | 1 |
| Hepatocellular Adenoma | | | | | | | | | | X | | X | | | | | X | | | | X | | | | X | 9 |
| Hepatocellular Adenoma, Multiple | | | | | | | | | | | | | | | | | X | | | | X | | | | X | 2 |
| Hepatocellular Carcinoma | | | | | | | | | | | | | | | | | X | | | | X | | | | X | 3 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | X | | | | X | | | | X | 4 |

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x ... Lesion present

x .. Lesion present
| Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

† ... Tissue examined microscopically

A.. Autolysis precludes evaluation

✗ Lesion present

BLANK Not examined microscopically.

.. Lesion present
 Insufficient tissue

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

| B6C3F1 MICE FEMALE
6 MG/KG | ANIMAL ID | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------------------------|-----------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 6 | 7 | 6 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | | |
| | | 9 | 3 | 5 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | | |
| | | 8 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 8 | 4 | 2 | 3 | 3 | 9 | 2 | 3 | 3 | 3 | 7 | 3 | 3 | 2 | 2 | | |
| Ovary | | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Cystadenoma | | | | | | | | | | | X | | | | | | | | | | | | | | | 4 |
| Hemangiosarcoma | | | | | | | | | | | | X | | | | | | | | | | | | | | 1 |
| Luteoma | | | | | | | | | | | | | X | | | | | | | | | | | | | 2 |
| Uterus | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Polyp Stromal | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |

HEMATOPOIETIC SYSTEM

| Bone Marrow | | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
|---------------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Lymph Node | | + | | | | | | | | + | + | | | | | | | | | | | | | | | 3 |
| Iliac, Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Mediastinal, Lymphoma Malignant | | X | | | | | | | | | X | | | | | | | | | | | | | | | 2 |
| Renal, Lymphoma Malignant | | X | | | | | | | | | X | | | | | | | | | | | | | | | 2 |
| Lymph Node, Mandibular | | + | + | M | + | + | + | + | A | + | I | + | + | M | + | + | + | + | + | + | + | + | + | + | 45 | |
| Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | | | 3 |
| Lymph Node, Mesenteric | | + | + | + | + | + | + | + | A | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | 46 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

| | DAY ON TEST | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|-------|
| B6C3F1 MICE FEMALE
6 MG/KG | | | | | | | | | | | | | | | | | | | | ANIMAL ID | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 |
| 9 | 3 | 5 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 |
| 8 | 2 | 2 | 2 | 2 | 2 | 2 | 8 | 4 | 2 | 3 | 3 | 9 | 2 | 3 | 3 | 3 | 7 | 3 | 3 | 2 | 2 |
| | | | | | | | | | | | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 |
| 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | | | | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | X | | | X | | | | | | | | | | | | X | | | | 5 |
| Spleen | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Hemangiosarcoma | | | | | | | | | | | | | | X | | | | X | | | 2 |
| Lymphoma Malignant | | | | | | | | | | X | | | | X | | | X | X | X | | 7 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | 46 |
| Fibrosarcoma, Metastatic, Skin | | | | | | | | | | | | | | | | | X | | | | 1 |
| Lymphoma Malignant | | | | | | | | | | X | | | X | X | X | | | | | | 4 |

INTEGUMENTARY SYSTEM

MUSCULOSKELETAL SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

NERVOUS SYSTEM

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

URINARY SYSTEM

SYSTEMIC LESIONS

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

Luteoma

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

Carcinoma, Metastatic, Pituitary Gland

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

† ... Tissue examined microscopically

A.. Autolysis precludes evaluation

x Lesion present

BLANK Not examined microscopically

| Insufficient tissue

BEANK :: Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thyione mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

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TDMS No. 99037 - 06

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Route: GAVAGE

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P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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Date Report Requested: 01/12/2009

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First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 5 | 7 | 7 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 2 | 7 | 2 | 2 | 1 | 3 | 4 | 9 | 3 | 3 | 4 | 3 | 3 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 2 | 2 | 2 | 9 | 9 | 9 | 9 | 1 | 3 | 7 | 4 | 3 | 1 | 3 | 1 | 1 |
| B6C3F1 MICE FEMALE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 MG/KG | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | * TOTALS |
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CARDIOVASCULAR SYSTEM

* .. Total animals with tissue examined microscopically: Total animals with tumor

M .. Missing tissue

† .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x Lesion present

BLANK Not examined microscopically

| Insufficient tissue

BEANK :: Not examined microscopically

TDMS No. 99037 - 06

Test Type: CHRONIC

Route: Gavage

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 01/12/2009

Time Report Requested: 08:25:35

First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

ENDOCRINE SYSTEM

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
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BLANK .. Not examined microscopically

TDMS No. 99037 - 06

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Lab: SRI

INTEGUMENTARY SYSTEM

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

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BLANK Not examined microscopically

.. Lesion present
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alpha/beta Thujone mixture

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First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

Carcinoma, Metastatic, Pituitary Gland

X

1

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

* .. Total animals with tissue examined microscopically: Total animals with tumor

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TDMS No. 99037 - 06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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ALIMENTARY SYSTEM

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Species/Strain: MICE/B6C3F1

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alpha/beta Thujone mixture

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Date Report Requested: 01/12/2009

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First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

Stomach, Glandular

Tongue

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

Adrenal Medulla

Islets, Pancreatic +

Parathyroid Gland + + M +

Pituitary Gland

Thyroid Gland + + M +

GENERAL BODY SYSTEM

NONE

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First Dose M/F: 06/30/03 / 06/30/03

Lab: SRI

Harderian Gland

Adenoma

URINARY SYSTEM

Kidney

Urinary Bladder

† † † † † † † † † † † † † † † † †

SYSTEMIC LESIONS

Multiple Organ

+

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GENITAL SYSTEM

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Lab: SRI

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

Pleura + + + +

SPECIAL SENSES SYSTEM

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Harderian Gland

Adenoma

URINARY SYSTEM

Kidney

Urinary Bladder

SYSTEMIC LESIONS

Multiple Organ

*** END OF REPORT ***

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