

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

F1_M3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

C Number: C99023
Lock Date: 12/22/2004
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
TDMSE Version: 1.8.0

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

ALIMENTARY SYSTEM

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

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

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		7	7	7	7	7	5	7	7	7	6	6	4	7	7	5	7	7	7	7	6	7	7	7	7		
		2	2	2	2	2	6	2	2	2	0	5	6	3	2	9	2	2	2	3	1	2	3	2	3		
		9	7	9	8	8	7	8	9	9	7	9	8	0	9	9	9	9	9	0	1	9	0	8	0		
	ANIMAL ID	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		0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2			
	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	males (cont...)	
Hepatocellular Carcinoma		X												X		X		X		X		X		X			
Hepatocellular Carcinoma, Multiple																											
Ito Cell Tumor Malignant																											
Lymphoma Malignant																											
Mesentery																											
Pancreas																											
Salivary Glands																											
Stomach, Forestomach																											
Stomach, Glandular																											
Tongue																											
Squamous Cell Carcinoma																											
Tooth																											

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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x .. Lesion present

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		7	7	7	7	7	5	7	7	7	6	6	4	7	7	5	7	7	7	7	6	7	7	7	
		2	2	2	2	2	6	2	2	2	0	5	6	3	2	9	2	2	2	3	1	2	3	3	
		9	7	9	8	8	7	8	9	9	7	9	8	0	9	9	9	9	9	0	1	9	0	8	0
ANIMAL ID	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	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	
		males (cont...)																							

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																								
Subcapsular, Adenoma																								
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant																								
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M
Pituitary Gland	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicular Cell, Carcinoma																								

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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		7	7	7	7	7	5	7	7	7	6	6	4	7	7	5	7	7	7	7	6	7	7	7	
		2	2	2	2	2	6	2	2	2	0	5	6	3	2	9	2	2	2	3	1	2	3	3	
		9	7	9	8	8	7	8	9	9	7	9	8	0	9	9	9	9	9	0	1	9	0	8	0
B6C3F1 MICE MALE 0 G/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	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	1	2	2	2	2	
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4
		males (cont...)																							

Preputial Gland
Hemangiosarcoma

+ +

Prostate

+ +

Seminal Vesicle

+ +

Testes

+ +

HEMATOPOIETIC SYSTEM

Bone Marrow
Hemangiosarcoma, Metastatic, Spleen
Lymphoma Malignant

+
X

Lymph Node
Bronchial, Alveolar/Bronchiolar
Carcinoma, Metastatic, Lung
Inguinal, Lymphoma Malignant
Mediastinal, Lymphoma Malignant

Lymph Node, Mandibular

+ +

Lymph Node, Mesenteric

+ + + + + + + + + + + + + + A + + + + + + + + + +

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

males
(cont...)

Lymphoma Malignant

Spleen

Hemangiosarcoma

Lymphoma Malignant

Thymus

INTEGUMENTARY SYSTEM

Mammary Gland

Skin

Hemangiosarcoma

Subcutaneous Tissue, Sarcoma

MUSCULOSKELETAL SYSTEM

Bone

NERVOUS SYSTEM

Brain

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

RESPIRATORY SYSTEM

| | |
|--|---|
| Lung | + |
| Alveolar/Bronchiolar Adenoma | | | | X | | | | | | | | X | | | | | | | | | | | | | |
| Alveolar/Bronchiolar Adenoma, Multiple | X | | | | |
| Alveolar/Bronchiolar Carcinoma | | | | | | X | X | | | | | | X | | | | | | | | | | | | |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung | |
| Carcinoma, Metastatic, Thyroid Gland |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | | X | | | | | | | X | X | | | | | | |
| Nose | + |
| Trachea | + |

SPECIAL SENSES SYSTEM

| |
|-------------------|
| Eye | + |
| Harderian Gland | + |
| Adenoma | | | | | | | | | | | | X | | | | | | | | | | | | X | |
| Adenoma, Multiple | | | | | | | | X | | | | | | | | | | | | | | | | | |
| Carcinoma |

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

URINARY SYSTEM

| |
|-----------------------|
| Kidney | + |
| Renal Tubule, Adenoma | | | | | X | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + |

SYSTEMIC LESIONS

| |
|--------------------|
| Multiple Organ | + |
| Lymphoma Malignant | |

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|--------------------------------|-------------|
| B6C3F1 MICE MALE

0 G/KG | DAY ON TEST | 0 | |
| | | 7 | 7 | 6 | 5 | 6 | 7 | 6 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 6 | |
| | | 3 | 2 | 2 | 6 | 4 | 2 | 7 | 4 | 2 | 4 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 6 | 3 | 3 | 3 | 2 | 3 | 0 |
| | | 0 | 9 | 1 | 0 | 5 | 9 | 3 | 6 | 9 | 4 | 9 | 9 | 0 | 0 | 0 | 9 | 8 | 6 | 0 | 0 | 0 | 9 | 0 | 7 |
| | |
| | ANIMAL ID | 0 |
| | | 0 |
| | | 0 |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 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 |
| * TOTALS | |

ALIMENTARY SYSTEM

| | |
|-------------------------------------|----|
| Esophagus | + | 50 |
| Gallbladder | + | 49 |
| Intestine Large, Cecum | + | 49 |
| Intestine Large, Colon | + | 50 |
| Intestine Large, Rectum | + | 50 |
| Intestine Small, Duodenum | + | 49 |
| Intestine Small, Ileum | + | 49 |
| Intestine Small, Jejunum | + | 49 |
| Liver | + | 50 |
| Hemangiosarcoma | | | | | | | | | X | X | | | | | | | | | X | | | | | | 5 |
| Hemangiosarcoma, Metastatic, Spleen | | 1 |
| Hepatoblastoma | 4 |
| Hepatocellular Adenoma | | | X | | | | | | X | | | X | | | | | | | | | | X | | | 11 |
| Hepatocellular Adenoma, Multiple | | | | | | | | | | | X | | X | X | X | | X | | X | X | X | | | | 15 |

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0 G/KG | DAY ON TEST | 0 | |
| | | 7 | 7 | 6 | 5 | 6 | 7 | 6 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | |
| | | 3 | 2 | 2 | 6 | 4 | 2 | 7 | 4 | 2 | 4 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 6 | 3 | 3 | 3 | 2 | 3 | 3 | 0 |
| | | 0 | 9 | 1 | 0 | 5 | 9 | 3 | 6 | 9 | 4 | 9 | 9 | 0 | 0 | 0 | 9 | 8 | 6 | 0 | 0 | 0 | 9 | 0 | 0 | 7 |
| | |
| | ANIMAL ID | 0 |
| | | 0 |
| | | 0 |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 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 |

ENDOCRINE SYSTEM

| | |
|----------------------------|----|
| Adrenal Cortex | + | 50 |
| Lymphoma Malignant | | | | X | | 1 |
| Subcapsular, Adenoma | | | | | | | | | | | | | | X | | | | | | | | | | | 2 |
| Adrenal Medulla | + | 50 |
| Lymphoma Malignant | | | | X | | 1 |
| Islets, Pancreatic | + | 50 |
| Parathyroid Gland | + | + | M | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | 45 |
| Pituitary Gland | + | 49 |
| Thyroid Gland | + | 50 |
| Follicular Cell, Carcinoma | | | | X | | 1 |

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

| | |
|------------|----|
| Epididymis | + | 50 |
|------------|----|

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 07/26/2007
Time Report Requested: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

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

| | |
|-----------------|----|
| Preputial Gland | + | 50 |
| Hemangiosarcoma | | | X | | 1 |
| Prostate | + | 50 |
| Seminal Vesicle | + | 50 |
| Testes | + | 50 |

HEMATOPOIETIC SYSTEM

| | |
|--|----|
| Bone Marrow | + | 50 |
| Hemangiosarcoma, Metastatic, Spleen | 1 |
| Lymphoma Malignant | | | X | | 1 |
| Lymph Node | | | + | | | | | | | | | | | | | | | | | | | + | | | | 2 |
| Bronchial, Alveolar/Bronchiolar
Carcinoma, Metastatic, Lung | | X | | | | 1 |
| Inguinal, Lymphoma Malignant | | | X | | 1 |
| Mediastinal, Lymphoma Malignant | | | X | | 1 |
| Lymph Node, Mandibular | + | + | M | + | 49 |
| Lymph Node, Mesenteric | + | 49 |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 07/26/2007
Time Report Requested: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | |
|--------------------------------|-------------|
| B6C3F1 MICE MALE

0 G/KG | DAY ON TEST | 0 | |
| | | 7 | 7 | 6 | 5 | 6 | 7 | 6 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 6 | |
| | | 3 | 2 | 2 | 6 | 4 | 2 | 7 | 4 | 2 | 4 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 6 | 3 | 3 | 3 | 2 | 3 | 0 |
| | | 0 | 9 | 1 | 0 | 5 | 9 | 3 | 6 | 9 | 4 | 9 | 9 | 0 | 0 | 0 | 9 | 8 | 6 | 0 | 0 | 0 | 9 | 0 | 0 |
| | |
| | ANIMAL ID | 0 |
| | | 0 |
| | | 0 |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 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 |
| * TOTALS | |

| | | |
|--------------------|---|----|
| Lymphoma Malignant | X | 1 |
| Spleen | + | 49 |
| Hemangiosarcoma | | 1 |
| Lymphoma Malignant | X | 1 |
| Thymus | + | 47 |

INTEGUMENTARY SYSTEM

| | |
|------------------------------|----|
| Mammary Gland | M | 1 |
| Skin | + | 50 |
| Hemangiosarcoma | X | | 1 |
| Subcutaneous Tissue, Sarcoma | | 1 |

MUSCULOSKELETAL SYSTEM

| | |
|------|----|
| Bone | + | 50 |
|------|----|

NERVOUS SYSTEM

| | |
|-------|----|
| Brain | + | 50 |
|-------|----|

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

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

RESPIRATORY SYSTEM

| | |
|--|----|
| Lung | + | 50 |
| Alveolar/Bronchiolar Adenoma | X | | | | | | | | | | | | | | | | | | X | | | | X | | 5 |
| Alveolar/Bronchiolar Adenoma, Multiple | | | | | | | | | X | | | | | X | | | | | | | | | | | 3 |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | | | | | | X | | | | | | | | | X | | | 5 |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung | | X | | | 1 |
| Carcinoma, Metastatic, Thyroid Gland | | | | | X | | | | | | | | | | | | | | | | | | | | 1 |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | X | | | | | | | | | | | | | | | | | | | 4 |
| Nose | + | 50 |
| Trachea | + | 50 |

SPECIAL SENSES SYSTEM

| | |
|-------------------|----|
| Eye | + | 50 |
| Harderian Gland | + | 50 |
| Adenoma | X | | | | | | X | | | | | | X | X | | | X | | | X | | | | | 8 |
| Adenoma, Multiple | | 1 |
| Carcinoma | | | | | | | | | | | | | | | | | | | X | | | | | | 1 |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | |
|--------------------------------|-------------|
| B6C3F1 MICE MALE

0 G/KG | DAY ON TEST | 0 | |
| | | 7 | 7 | 6 | 5 | 6 | 7 | 6 | 5 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | |
| | | 3 | 2 | 2 | 6 | 4 | 2 | 7 | 4 | 2 | 4 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 6 | 3 | 3 | 3 | 2 | 3 | 3 | 0 |
| | | 0 | 9 | 1 | 0 | 5 | 9 | 3 | 6 | 9 | 4 | 9 | 9 | 0 | 0 | 0 | 9 | 8 | 6 | 0 | 0 | 0 | 9 | 0 | 0 | 7 |
| | |
| | ANIMAL ID | 0 | |
| | | 0 |
| | | 0 |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 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 | |

URINARY SYSTEM

| | |
|-----------------------|----|
| Kidney | + | 50 |
| Renal Tubule, Adenoma | | 1 |
| Urinary Bladder | + | 50 |

SYSTEMIC LESIONS

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

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | |
|-----------------------------------|-------------|--------------------|
| | DAY ON TEST | 0 | 0 | |
| | | 5 | 6 | 7 | 6 | 4 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | |
| | | 3 | 8 | 3 | 3 | 3 | 3 | 8 | 2 | 2 | 3 | 7 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 5 | 0 | 3 | 3 | 3 | |
| | | 3 | 4 | 0 | 4 | 6 | 0 | 2 | 9 | 8 | 0 | 3 | 8 | 8 | 9 | 8 | 0 | 8 | 9 | 9 | 0 | 1 | 0 | 0 | 0 | |
| B6C3F1 MICE MALE

0.25 G/KG | ANIMAL ID | 0 | 0 | |
| | | 0 | 0 | |
| | | 0 | 0 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 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 |
| | | males
(cont...) | |

ALIMENTARY SYSTEM

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

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| B6C3F1 MICE MALE
0.25 G/KG | | DAY ON TEST | 0 | 0 | |
|------------------------------------|--|-------------|--------------------|--|
| | | 5 | 6 | 7 | 6 | 4 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | |
| | | 3 | 8 | 3 | 3 | 3 | 3 | 8 | 2 | 2 | 3 | 7 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 5 | 0 | 3 | 3 | 3 | 3 | |
| | | | 3 | 4 | 0 | 4 | 6 | 0 | 2 | 9 | 8 | 0 | 3 | 8 | 8 | 9 | 8 | 0 | 8 | 9 | 9 | 0 | 1 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | | | 0 | 0 | |
| | | | 0 | 0 | |
| | | | 0 | 0 | |
| | | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 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 | |
| | | | males
(cont...) | |
| Hepatocellular Adenoma | | X | X | | | | | X | X | | | | | | | | | X | | | | X | | | X | X | | |
| Hepatocellular Adenoma, Multiple | | | | | X | X | | X | | | X | X | X | X | X | X | | | X | X | X | | | X | | | | |
| Hepatocellular Carcinoma | | | | | X | X | | X | X | | X | | | X | | | | | | | | | X | X | X | | | |
| Hepatocellular Carcinoma, Multiple | | X | | | | | | | | | | | | X | | | | | | | | | | | | | | |
| Histiocytic Sarcoma | | | | |
| Mesentery | | | | | | | | + | | | | | | | | + | | | | | | + | | | | + | | |
| Hepatoblastoma, Metastatic, Liver | | | | |
| Pancreas | | | + | + | | |
| Salivary Glands | | | + | + | | |
| Stomach, Forestomach | | | + | + | | |
| Squamous Cell Papilloma | | | | |
| Stomach, Glandular | | | + | + | | |
| Tooth | | | | + | + | + | + | | | | + | + | + | + | | + | + | + | + | + | + | + | + | | | + | | |
| Peridontal Tissue, Fibrosarcoma | | | | | | X | |

CARDIOVASCULAR SYSTEM

Blood Vessel

+

+

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | | |
|-----------------------------------|-------------|--------------------|---|
| | DAY ON TEST | 0 | | | |
| | | 5 | 6 | 7 | 6 | 4 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | | 7 | |
| | | 3 | 8 | 3 | 3 | 3 | 3 | 8 | 2 | 2 | 3 | 7 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 5 | 0 | 3 | | 3 | 3 |
| | | 3 | 4 | 0 | 4 | 6 | 0 | 2 | 9 | 8 | 0 | 3 | 8 | 8 | 9 | 8 | 0 | 8 | 9 | 9 | 0 | 1 | 0 | 0 | | 0 | 0 |
| B6C3F1 MICE MALE

0.25 G/KG | ANIMAL ID | 0 | males
(cont...) | |
| | | 0 | | |
| | | 0 | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 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 |

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

ENDOCRINE SYSTEM

| |
|----------------------------|
| Adrenal Cortex | + |
| Subcapsular, Adenoma | | | | | | | | | | | | | | | X | X | | | | X | | | | X | |
| Adrenal Medulla | + |
| Pheochromocytoma Malignant | |
| Islets, Pancreatic | + |
| Adenoma | | | | | | | | | | | X | | | | | | | | | | | | | | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + |
| Pituitary Gland | + |
| Thyroid Gland | + |
| Follicular Cell, Adenoma | | | | | X | |

GENERAL BODY SYSTEM

NONE

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
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CAS Number: 123-35-3

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Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | |
|-----------------------------------|-------------|-----------------|
| | DAY ON TEST | 0 | 0 | |
| | | 5 | 6 | 7 | 6 | 4 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | |
| | | 3 | 8 | 3 | 3 | 3 | 3 | 8 | 2 | 2 | 3 | 7 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 5 | 0 | 3 | 3 | 3 |
| | | 3 | 4 | 0 | 4 | 6 | 0 | 2 | 9 | 8 | 0 | 3 | 8 | 8 | 9 | 8 | 0 | 8 | 9 | 9 | 0 | 1 | 0 | 0 | 0 | 0 |
| B6C3F1 MICE MALE

0.25 G/KG | ANIMAL ID | 0 | 0 | |
| | | 0 | 0 | |
| | | 0 | 0 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 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 |
| | | males (cont...) | |

GENITAL SYSTEM

| |
|-----------------------------------|
| Epididymis | + |
| Hepatoblastoma, Metastatic, Liver | |
| Preputial Gland | + |
| Prostate | + |
| Seminal Vesicle | + |
| Hepatoblastoma, Metastatic, Liver | |
| Testes | + |
| Interstitial Cell, Adenoma |

HEMATOPOIETIC SYSTEM

| |
|------------------------|
| Bone Marrow | + |
| Hemangiosarcoma |
| Histiocytic Sarcoma |
| Lymph Node, Mandibular | + |
| Lymph Node, Mesenteric | + |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
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First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | |
|------------------|-------------|-----------------|
| | DAY ON TEST | 0 | | | |
| | | 5 | 6 | 7 | 6 | 4 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | | |
| | | 3 | 8 | 3 | 3 | 3 | 3 | 8 | 2 | 2 | 3 | 7 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 5 | 0 | 3 | 3 | | |
| | | 3 | 4 | 0 | 4 | 6 | 0 | 2 | 9 | 8 | 0 | 3 | 8 | 8 | 9 | 8 | 0 | 8 | 9 | 9 | 0 | 1 | 0 | 0 | 0 | | |
| B6C3F1 MICE MALE | ANIMAL ID | 0 | | | |
| | | 0 | | | |
| | | 0 | | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | | | |
| 0.25 G/KG | | 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 | males (cont...) |

Hepatoblastoma, Metastatic, Liver
Histiocytic Sarcoma
Lymphoma Malignant
Pheochromocytoma Malignant, Metastatic, Adrenal Medulla

X

| |
|-----------------------------------|
| Spleen | + |
| Hemangiosarcoma |
| Thymus | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hepatoblastoma, Metastatic, Liver | |

INTEGUMENTARY SYSTEM

| |
|---------------|
| Mammary Gland | M |
| Skin | + |

MUSCULOSKELETAL SYSTEM

| |
|-----------------|
| Bone | + |
| Chondroma | X |
| Skeletal Muscle | | + |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | |
|-----------------------------------|-------------|-----------------|
| | DAY ON TEST | 0 | 0 | |
| | | 5 | 6 | 7 | 6 | 4 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | |
| | | 3 | 8 | 3 | 3 | 3 | 3 | 8 | 2 | 2 | 3 | 7 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 5 | 0 | 3 | 3 | 3 |
| | | 3 | 4 | 0 | 4 | 6 | 0 | 2 | 9 | 8 | 0 | 3 | 8 | 8 | 9 | 8 | 0 | 8 | 9 | 9 | 0 | 1 | 0 | 0 | 0 | 0 |
| B6C3F1 MICE MALE

0.25 G/KG | ANIMAL ID | 0 | 0 | |
| | | 0 | 0 | |
| | | 0 | 0 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 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 |
| | | males (cont...) | |

NERVOUS SYSTEM

| |
|-------|
| Brain | + |
|-------|

RESPIRATORY SYSTEM

| | |
|--|---|
| Lung | + |
| Alveolar/Bronchiolar Adenoma | X | X | | | | | | | | | X | | | X | | | | | | | X | | | X | | |
| Alveolar/Bronchiolar Adenoma, Multiple | | | | X | | | | | | | X | | | | | | | | | | X | | | | | |
| Alveolar/Bronchiolar Carcinoma | | | | X | | | | | | | | | | | | X | X | | X | X | | | | | | |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung | | | | | | | | | | | | | | | X | X | | | | | | | | | | |
| Hepatoblastoma, Metastatic, Liver |
| Hepatocellular Carcinoma, Metastatic, Liver | X | | | | | X | |
| Histiocytic Sarcoma |
| Nose | + |
| Trachea | + |

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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

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

| |
|--------------------|
| Eye | + |
| Harderian Gland | + |
| Adenoma | | X | | | | | | | | X | | | | | | | | | | | | | | | |
| Carcinoma | | | | | | | | | | | | | | | | | | | X | | | | | | |
| Bilateral, Adenoma | | | | | | | | | X | | | | | X | | | | | | | | | | | |

URINARY SYSTEM

| |
|-----------------------|
| Kidney | + |
| Renal Tubule, Adenoma | |
| Urinary Bladder | + |

SYSTEMIC LESIONS

| |
|---------------------|
| Multiple Organ | + |
| Histiocytic Sarcoma | |
| Lymphoma Malignant | | | | | | | | | X | | | | | | | | | | | | | | | | |

* .. 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. 99023 - 04
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Route: GAVAGE
Species/Strain: MICE/B6C3F1

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beta-Myrcene
CAS Number: 123-35-3

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Time Report Requested: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | |
|-----------------------------------|-------------|----------|
| B6C3F1 MICE MALE

0.25 G/KG | DAY ON TEST | 0 |
| | | 6 | 6 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 7 | 0 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 3 | 0 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 1 | 2 | 2 | 3 | 3 | 3 |
| | | 5 | 3 | 6 | 9 | 9 | 9 | 3 | 8 | 8 | 9 | 0 | 3 | 0 | 9 | 9 | 8 | 8 | 9 | 9 | 8 | 0 | 1 | 9 | 8 | 0 | 0 |
| | | |
| | ANIMAL ID | 0 |
| | | 0 |
| | | 0 | 1 |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 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 |

ALIMENTARY SYSTEM

| | |
|---------------------------|----|
| Esophagus | + | 50 |
| Gallbladder | + | 49 |
| Intestine Large, Cecum | + | 48 |
| Intestine Large, Colon | + | 50 |
| Intestine Large, Rectum | + | 50 |
| Intestine Small, Duodenum | + | A | + | + | + | + | 47 |
| Adenoma | 1 |
| Intestine Small, Ileum | + | + | A | + | 47 |
| Carcinoma | | | | | | | | | | | | | | | | | | | X | | | | | | | | | 1 |
| Intestine Small, Jejunum | + | + | A | + | 47 |
| Liver | + | 50 |
| Hemangiosarcoma | | | | | | | | | | | | X | | | | | | | | | | | | | | | | 1 |
| Hemangiosarcoma, Multiple | | | | X | | | | | | | | | | | | | X | | | | | | | | | | | 2 |
| Hepatoblastoma | X | | | | | | | | | | | | | | X | | | | X | | | | | | | | | 6 |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| B6C3F1 MICE MALE
0.25 G/KG | | DAY ON TEST | 0 | 0 |
|------------------------------------|--|-------------|----|---|
| | | | 6 | 6 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | |
| | | 3 | 7 | 0 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 3 | 0 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 1 | 2 | 2 | 3 | |
| | | 5 | 3 | 6 | 9 | 9 | 9 | 3 | 8 | 8 | 9 | 0 | 3 | 0 | 9 | 9 | 8 | 8 | 9 | 9 | 8 | 0 | 1 | 9 | 8 | 0 | |
| | | ANIMAL ID | 0 | |
| | | | 0 | | |
| | | | 0 | 1 | | |
| | | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 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 |
| Hepatocellular Adenoma | | | | X | | | | | | | | | | | | | | | | X | | | | | | 10 | |
| Hepatocellular Adenoma, Multiple | | | | | X | X | X | | X | X | X | X | | X | | X | X | X | X | | | X | X | X | | 31 | |
| Hepatocellular Carcinoma | | | | | | | | | | X | | X | | X | | X | X | | | | X | | | | | 16 | |
| Hepatocellular Carcinoma, Multiple | | | X | | | | | | | | X | | | | | | | | | | | | | | | 4 | |
| Histiocytic Sarcoma | | | | | | | | | X | | | | | | | | | | | | | | | | | 1 | |
| | | | | |
| Mesentery | | + | | | | | | | | | + | | | | | | | | | | | | | | + | 7 | |
| Hepatoblastoma, Metastatic, Liver | | X | 1 | |
| | | | | |
| Pancreas | | + | + | 50 | |
| | | | | |
| Salivary Glands | | + | + | 50 | |
| | | | | |
| Stomach, Forestomach | | + | + | 50 | |
| Squamous Cell Papilloma | | | | | X | | | | | | | | | | | | X | | | | | | | | | 2 | |
| | | | | |
| Stomach, Glandular | | + | + | 50 | |
| | | | | |
| Tooth | | + | | + | + | + | + | | + | | | + | | + | + | | | + | + | | | + | + | + | + | 33 | |
| Peridontal Tissue, Fibrosarcoma | | | 1 | |

CARDIOVASCULAR SYSTEM

| | |
|--------------|---|
| Blood Vessel | 2 |
|--------------|---|

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | |
|-----------------------------------|-------------|
| B6C3F1 MICE MALE

0.25 G/KG | DAY ON TEST | 0 | |
| | | 6 | 6 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | |
| | | 3 | 7 | 0 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 3 | 0 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 1 | 2 | 2 | 3 | |
| | | 5 | 3 | 6 | 9 | 9 | 9 | 3 | 8 | 8 | 9 | 0 | 3 | 0 | 9 | 9 | 8 | 8 | 9 | 9 | 8 | 0 | 1 | 9 | 8 | 0 |
| | |
| | ANIMAL ID | 0 |
| | | 0 |
| | | 0 | 1 |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 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 | |

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

ENDOCRINE SYSTEM

| | |
|----------------------------|----|
| Adrenal Cortex | + | 50 |
| Subcapsular, Adenoma | 4 |
| Adrenal Medulla | + | 50 |
| Pheochromocytoma Malignant | X | | 1 |
| Islets, Pancreatic | + | 50 |
| Adenoma | 1 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | M | + | + | + | 47 |
| Pituitary Gland | + | + | + | + | M | + | 49 |
| Thyroid Gland | + | 50 |
| Follicular Cell, Adenoma | 1 |

GENERAL BODY SYSTEM

NONE

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

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beta-Myrcene
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First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | |
|-------------------------------|-------------|----------|
| | DAY ON TEST | 0 | 0 | |
| | | 6 | 6 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | |
| | | 3 | 7 | 0 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 3 | 0 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 1 | 2 | 2 | 3 | |
| | | 5 | 3 | 6 | 9 | 9 | 9 | 3 | 8 | 8 | 9 | 0 | 3 | 0 | 9 | 9 | 8 | 8 | 9 | 9 | 8 | 0 | 1 | 9 | 8 | 0 |
| B6C3F1 MICE MALE
0.25 G/KG | ANIMAL ID | 0 | 0 | |
| | | 0 | 0 | |
| | | 0 | 0 | 1 | |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 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 | |

GENITAL SYSTEM

| | |
|-----------------------------------|----|
| Epididymis | + | 50 |
| Hepatoblastoma, Metastatic, Liver | X | | 1 |
| Preputial Gland | + | 50 |
| Prostate | + | 50 |
| Seminal Vesicle | + | 50 |
| Hepatoblastoma, Metastatic, Liver | X | | 1 |
| Testes | + | 50 |
| Interstitial Cell, Adenoma | | | | | | | | | | | | X | | | | | | | | | | | | | | 1 |

HEMATOPOIETIC SYSTEM

| | |
|------------------------|----|
| Bone Marrow | + | 50 |
| Hemangiosarcoma | | | | | | | | | | | | | | | | X | | | | | | | | | | 1 |
| Histiocytic Sarcoma | | | | | | | | X | | | | | | | | | | | | | | | | | | 1 |
| Lymph Node, Mandibular | + | 50 |
| Lymph Node, Mesenteric | + | 50 |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 07/26/2007
Time Report Requested: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | |
|-------------------------------|-------------|
| | DAY ON TEST | 0 | |
| | | 6 | 6 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | |
| | | 3 | 7 | 0 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 3 | 0 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 1 | 2 | 2 | 3 | |
| | | 5 | 3 | 6 | 9 | 9 | 9 | 3 | 8 | 8 | 9 | 0 | 3 | 0 | 9 | 9 | 8 | 8 | 9 | 9 | 8 | 0 | 1 | 9 | 8 | 0 |
| B6C3F1 MICE MALE
0.25 G/KG | ANIMAL ID | 0 | |
| | | 0 | |
| | | 0 | 1 | |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 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 |

| | |
|---|----|
| Hepatoblastoma, Metastatic, Liver | X | | 1 |
| Histiocytic Sarcoma | | | | | | | | | | X | | | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | 1 |
| Pheochromocytoma Malignant, Metastatic, Adrenal Medulla | | | | | X | | 1 |
| Spleen | + | 50 |
| Hemangiosarcoma | | | X | | | | | | | | | | | | | X | | | | | | | | | | 2 |
| Thymus | + | + | + | M | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Hepatoblastoma, Metastatic, Liver | X | | 1 |

INTEGUMENTARY SYSTEM

| | |
|---------------|----|
| Mammary Gland | M | 0 |
| Skin | + | 50 |

MUSCULOSKELETAL SYSTEM

| | |
|-----------------|----|
| Bone | + | 50 |
| Chondroma | 1 |
| Skeletal Muscle | | | | | | | | | | | | | | | + | | | | | | | | | | | 2 |

* .. 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. 99023 - 04
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Species/Strain: MICE/B6C3F1

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Lab: BAT

| | | |
|-------------------------------|-------------|----------|
| | DAY ON TEST | 0 | | |
| | | 6 | 6 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | | |
| | | 3 | 7 | 0 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 3 | 0 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 1 | 2 | 2 | 3 | | |
| | | 5 | 3 | 6 | 9 | 9 | 9 | 3 | 8 | 8 | 9 | 0 | 3 | 0 | 9 | 9 | 8 | 8 | 9 | 9 | 8 | 0 | 1 | 9 | 8 | 0 | |
| B6C3F1 MICE MALE
0.25 G/KG | ANIMAL ID | 0 | | |
| | | 0 | | |
| | | 0 | 1 | | |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 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 |

NERVOUS SYSTEM

| | |
|-------|----|
| Brain | + | 50 |
|-------|----|

RESPIRATORY SYSTEM

| | |
|--|----|
| Lung | + | 50 |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | X | | | | | | X | | | | | | X | | | | 9 |
| Alveolar/Bronchiolar Adenoma, Multiple | X | | | | | 4 |
| Alveolar/Bronchiolar Carcinoma | 5 |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung | | 2 |
| Hepatoblastoma, Metastatic, Liver | X | | 1 |
| Hepatocellular Carcinoma, Metastatic, Liver | | X | | | | | | | X | X | | | X | | | X | | | X | | | | | | | 8 |
| Histiocytic Sarcoma | | | | | | | | | X | | | | | | | | | | | | | | | | | 1 |
| Nose | + | 50 |
| Trachea | + | 50 |

SPECIAL SENSES 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. 99023 - 04
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P04: NEOPLASMS BY INDIVIDUAL ANIMAL
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Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | |
|-----------------------------------|-------------|
| B6C3F1 MICE MALE

0.25 G/KG | DAY ON TEST | 0 | |
| | | 6 | 6 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | |
| | | 3 | 7 | 0 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 3 | 0 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 1 | 2 | 2 | 3 | 3 | |
| | | 5 | 3 | 6 | 9 | 9 | 9 | 3 | 8 | 8 | 9 | 0 | 3 | 0 | 9 | 9 | 8 | 8 | 9 | 9 | 8 | 0 | 1 | 9 | 8 | 0 |
| | |
| | ANIMAL ID | 0 |
| | | 0 |
| | | 0 | 1 |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 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 | |

| | |
|--------------------|----|
| Eye | + | 50 |
| Harderian Gland | + | 50 |
| Adenoma | | | | | X | | X | | | | X | X | | | X | | | | | | | | X | | | 8 |
| Carcinoma | | | | X | | 2 |
| Bilateral, Adenoma | | 2 |

URINARY SYSTEM

| | |
|-----------------------|----|
| Kidney | + | 50 |
| Renal Tubule, Adenoma | | X | | | 1 |
| Urinary Bladder | + | 50 |

SYSTEMIC LESIONS

| | |
|---------------------|----|
| Multiple Organ | + | 50 |
| Histiocytic Sarcoma | | | | | | | | X | | | | | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | 1 |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | |
|----------------------------------|-------------|
| B6C3F1 MICE MALE

0.5 G/KG | DAY ON TEST | 0 | |
| | | 5 | 5 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 7 |
| | | 8 | 8 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 8 | 2 | 2 | 6 | 3 | 3 |
| | | 7 | 0 | 9 | 8 | 8 | 7 | 8 | 0 | 0 | 0 | 9 | 9 | 0 | 0 | 0 | 0 | 9 | 9 | 8 | 3 | 9 | 9 | 0 | 0 |
| | |
| | ANIMAL ID | 0 |
| | | 0 |
| | | 1 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 |
| males (cont...) | |

males
(cont...)

ALIMENTARY SYSTEM

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

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | | | |
|---|-------------|---|---|--------------------|
| B6C3F1 MICE MALE
0.5 G/KG | DAY ON TEST | 0 | 0 | 0 | 0 | |
| | | 5 | 5 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 7 | |
| | | 8 | 8 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 8 | 2 | 2 | 6 | 3 | 3 |
| | | 7 | 0 | 9 | 8 | 8 | 7 | 8 | 0 | 0 | 0 | 9 | 9 | 0 | 0 | 0 | 0 | 9 | 9 | 8 | 3 | 9 | 9 | 0 | 0 | 0 |
| | ANIMAL ID | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | |
| | | 1 | 1 | 1 | 1 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 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 |
| | | | | males
(cont...) | |
| Hepatocellular Carcinoma | | X | | | | | | X | | | | | | | | | | X | | X | | | X | X | X | |
| Hepatocellular Carcinoma, Multiple | | | | | | | | | | | | X | X | | X | | | | X | | | | | | | |
| Histiocytic Sarcoma | | | X | | | | X | | | | | | | | | | | | | | | | | | | |
| Mesentery | | | | + | | | + | | | | + | | | | | | | | | | | | | | | |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | |
| Pancreas | | + | + | + | + | |
| Salivary Glands | | + | + | + | + | |
| Stomach, Forestomach | | + | + | + | + | |
| Squamous Cell Carcinoma | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| Squamous Cell Papilloma | | | | |
| Stomach, Glandular | | + | + | + | + | |
| Tooth | | + | | + | | + | + | + | + | | | + | + | + | | + | + | + | + | + | + | + | + | + | + | |

CARDIOVASCULAR SYSTEM

| |
|--------------|
| Blood Vessel | |
| Heart | + |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

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

males
(cont...)

Hepatocellular Carcinoma, Metastatic,
Liver
Histiocytic Sarcoma

ENDOCRINE SYSTEM

| |
|----------------------------|
| Adrenal Cortex | + |
| Histiocytic Sarcoma |
| Adrenal Medulla | + |
| Pheochromocytoma Benign | | | | | | | | | | X | | | | | | | | | | | | | | | |
| Islets, Pancreatic | + |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pituitary Gland | + |
| Pars Intermedia, Adenoma | | | | | | | | | | | X | | | | | | | | | | | | | | |
| Thyroid Gland | + |
| Follicular Cell, Adenoma |
| Follicular Cell, Carcinoma | |

GENERAL BODY 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

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

males
(cont...)

NONE

GENITAL SYSTEM

| |
|----------------------------|
| Epididymis | + |
| Preputial Gland | + |
| Prostate | + |
| Seminal Vesicle | + |
| Testes | + |
| Interstitial Cell, Adenoma | | | | | | X | | | | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| | |
|--|---|
| Bone Marrow | + |
| Lymph Node | + | |
| Bronchial, Hepatocellular Carcinoma, Metastatic, Liver | |
| Bronchial, Histiocytic Sarcoma | X | |
| Lymph Node, Mandibular | + |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

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Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

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

males
(cont...)

Skeletal Muscle
Histiocytic Sarcoma

+
X

NERVOUS SYSTEM

Brain

+ +

Peripheral Nerve

+

Spinal Cord

+

Histiocytic Sarcoma

X

RESPIRATORY SYSTEM

Lung

+ +

Alveolar/Bronchiolar Adenoma

X X

Alveolar/Bronchiolar Adenoma, Multiple

X X

Alveolar/Bronchiolar Carcinoma

X

Alveolar/Bronchiolar Carcinoma,
Metastatic, Lung

X

Carcinoma, Metastatic, Harderian Gland

Carcinoma, Metastatic, Thyroid Gland

Hepatocellular Carcinoma, Metastatic,

X X

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

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

males
(cont...)

| | |
|--|---|
| Liver |
| Histiocytic Sarcoma |
| Melanoma Malignant, Metastatic, Eye |
| Mediastinum, Hemangiosarcoma |
| Nose | + |
| Carcinoma, Metastatic, Harderian Gland | |
| Trachea | + |

SPECIAL SENSES SYSTEM

| |
|--------------------|
| Eye | + |
| Melanoma Malignant | |
| Harderian Gland | + |
| Adenoma | X | | | | X | | | | | X | | X | X | | X | | | | | | | | | | | |
| Carcinoma |

URINARY SYSTEM

| | |
|---|---|
| Kidney | + |
| Hepatocellular Carcinoma, Metastatic, Liver | |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

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

males
(cont...)

Renal Tubule, Adenoma

X

Urinary Bladder

+ +

SYSTEMIC LESIONS

Multiple Organ

+ +

Histiocytic Sarcoma

X X

* .. 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. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| | |
|------------------------------|-------------|
| B6C3F1 MICE MALE
0.5 G/KG | DAY ON TEST | 0 | |
| | | 5 | 6 | 4 | 6 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 5 |
| | | 4 | 8 | 5 | 3 | 2 | 9 | 1 | 2 | 3 | 7 | 2 | 2 | 2 | 3 | 2 | 3 | 7 | 0 | 6 | 3 | 3 | 8 | 3 | 2 | 2 |
| | | 9 | 5 | 0 | 7 | 9 | 1 | 6 | 9 | 0 | 9 | 8 | 8 | 1 | 1 | 9 | 0 | 3 | 8 | 7 | 0 | 0 | 6 | 0 | 9 | 5 |
| | |
| | ANIMAL ID | 0 |
| | | 0 |
| | | 1 |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 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 | |

ALIMENTARY SYSTEM

| | |
|----------------------------------|----|
| Esophagus | + | 50 |
| Gallbladder | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 49 |
| Intestine Large, Rectum | + | 50 |
| Intestine Small, Duodenum | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 47 |
| Intestine Small, Ileum | + | + | + | + | + | A | + | + | + | + | + | + | A | + | + | + | + | + | A | + | + | + | + | + | + | 47 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | 49 |
| Liver | + | 50 |
| Hemangiosarcoma | 1 |
| Hemangiosarcoma, Multiple | X | | 1 |
| Hepatoblastoma | | X | | | X | | X | X | | | | | | | | | | | X | | | | | | | 11 |
| Hepatocellular Adenoma | | | | | | | | | | | | | X | X | X | | | | X | | | | X | X | X | 13 |
| Hepatocellular Adenoma, Multiple | X | X | | | X | | X | X | X | X | X | | | | | X | X | X | | X | X | | | X | | 30 |

* .. 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. 99023 - 04
Test Type: CHRONIC
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Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

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Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| B6C3F1 MICE MALE
0.5 G/KG | | DAY ON TEST | 0 | 0 |
|---|--|-------------|----|----------|
| | | 5 | 6 | 4 | 6 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 5 | 5 |
| | | 4 | 8 | 5 | 3 | 2 | 9 | 1 | 2 | 3 | 7 | 2 | 2 | 2 | 3 | 2 | 3 | 7 | 0 | 6 | 3 | 3 | 8 | 3 | 2 | 2 | 2 |
| | | 9 | 5 | 0 | 7 | 9 | 1 | 6 | 9 | 0 | 9 | 8 | 8 | 1 | 1 | 9 | 0 | 3 | 8 | 7 | 0 | 0 | 6 | 0 | 9 | 5 | 5 |
| | | ANIMAL ID | 0 | 0 |
| | | 0 | 0 | |
| | | 1 | 1 | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 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 |
| Hepatocellular Carcinoma | | | X | X | X | X | | X | X | | | X | X | | | X | | | X | | | X | | | X | 19 | |
| Hepatocellular Carcinoma, Multiple | | X | | | | | X | | | | X | | | | | | | | X | | | | | | | 9 | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | X | | | | | | | | | | | 3 | |
| Mesentery | | | | | + | | | | | | | | | | | | | | | | | | | + | | 5 | |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | X | | 1 | |
| Pancreas | | + | + | 50 | |
| Salivary Glands | | + | + | 50 | |
| Stomach, Forestomach | | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Squamous Cell Carcinoma | | | 1 | |
| Squamous Cell Papilloma | | | X | | 1 | |
| Stomach, Glandular | | + | + | 50 | |
| Tooth | | | + | | | + | | + | + | + | | | + | + | | + | + | + | + | + | | | + | + | + | 35 | |

CARDIOVASCULAR SYSTEM

| | |
|--------------|----|
| Blood Vessel | | 1 |
| Heart | + | 50 |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | |
|------------------------------|-------------|
| B6C3F1 MICE MALE
0.5 G/KG | DAY ON TEST | 0 | | |
| | | 5 | 6 | 4 | 6 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 7 | 5 | 7 | 7 | 5 | |
| | | 4 | 8 | 5 | 3 | 2 | 9 | 1 | 2 | 3 | 7 | 2 | 2 | 2 | 3 | 2 | 3 | 7 | 0 | 6 | 3 | 3 | 8 | 3 | 2 | 2 |
| | | 9 | 5 | 0 | 7 | 9 | 1 | 6 | 9 | 0 | 9 | 8 | 8 | 1 | 1 | 9 | 0 | 3 | 8 | 7 | 0 | 0 | 6 | 0 | 9 | 5 |
| | |
| | ANIMAL ID | 0 |
| | | 0 |
| | | 1 |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 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 | |

| | | |
|---|---|---|
| Hepatocellular Carcinoma, Metastatic, Liver | X | 1 |
| Histiocytic Sarcoma | X | 1 |

ENDOCRINE SYSTEM

| | |
|----------------------------|----|
| Adrenal Cortex | + | 50 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | X | | | | | | | | | | | | 1 |
| Adrenal Medulla | + | 50 |
| Pheochromocytoma Benign | 1 |
| Islets, Pancreatic | + | 50 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Pituitary Gland | + | 50 |
| Pars Intermedia, Adenoma | 1 |
| Thyroid Gland | + | 50 |
| Follicular Cell, Adenoma | X | 1 |
| Follicular Cell, Carcinoma | | | | | | | | | | | | | | X | | | | | | | | | | | | 1 |

GENERAL BODY 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | |
|----------------------------------|-------------|
| B6C3F1 MICE MALE

0.5 G/KG | DAY ON TEST | 0 | |
| | | 5 | 6 | 4 | 6 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 5 | 7 | 7 | 5 |
| | | 4 | 8 | 5 | 3 | 2 | 9 | 1 | 2 | 3 | 7 | 2 | 2 | 2 | 3 | 2 | 3 | 7 | 0 | 6 | 3 | 3 | 8 | 3 | 2 | 2 |
| | | 9 | 5 | 0 | 7 | 9 | 1 | 6 | 9 | 0 | 9 | 8 | 8 | 1 | 1 | 9 | 0 | 3 | 8 | 7 | 0 | 0 | 6 | 0 | 9 | 5 |
| | |
| | ANIMAL ID | 0 |
| | | 0 |
| | | 1 |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 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 | |

NONE

GENITAL SYSTEM

| | |
|----------------------------|----|
| Epididymis | + | 50 |
| Preputial Gland | + | 50 |
| Prostate | + | 50 |
| Seminal Vesicle | + | 50 |
| Testes | + | 50 |
| Interstitial Cell, Adenoma | | 1 |

HEMATOPOIETIC SYSTEM

| | |
|--|----|
| Bone Marrow | + | 50 |
| Lymph Node | | | | + | | 5 |
| Bronchial, Hepatocellular Carcinoma, Metastatic, Liver | | | | X | | 1 |
| Bronchial, Histiocytic Sarcoma | 1 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | M | + | + | + | + | + | + | 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | |
|------------------------------|-------------|----------|
| B6C3F1 MICE MALE
0.5 G/KG | DAY ON TEST | 0 | | |
| | | 5 | 6 | 4 | 6 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 7 | 5 | 7 | 7 | 5 | | |
| | | 4 | 8 | 5 | 3 | 2 | 9 | 1 | 2 | 3 | 7 | 2 | 2 | 2 | 3 | 2 | 3 | 7 | 0 | 6 | 3 | 3 | 8 | 3 | 2 | 2 | |
| | | 9 | 5 | 0 | 7 | 9 | 1 | 6 | 9 | 0 | 9 | 8 | 8 | 1 | 1 | 9 | 0 | 3 | 8 | 7 | 0 | 0 | 6 | 0 | 9 | 5 | |
| | ANIMAL ID | 0 | | |
| | | 0 | | |
| | | 1 | | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 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 |

| | |
|---------------------|---|
| Skeletal Muscle | 1 |
| Histiocytic Sarcoma | 1 |

NERVOUS SYSTEM

| | |
|---------------------|----|
| Brain | + | 50 |
| Peripheral Nerve | 1 |
| Spinal Cord | 1 |
| Histiocytic Sarcoma | | 1 |

RESPIRATORY SYSTEM

| | |
|--|----|
| Lung | + | 50 |
| Alveolar/Bronchiolar Adenoma | X | | | | | | | | | | | X | | | | | | | | | | | | | | 6 |
| Alveolar/Bronchiolar Adenoma, Multiple | X | | | 3 |
| Alveolar/Bronchiolar Carcinoma | | | | X | | 2 |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung | | 1 |
| Carcinoma, Metastatic, Harderian Gland | | | | | | | | | | | | | | | | | | X | | | | | | | | 1 |
| Carcinoma, Metastatic, Thyroid Gland | | | | | | | | | | | | X | | | | | | | | | | | | | | 1 |
| Hepatocellular Carcinoma, Metastatic, | | | X | | | X | | | | | X | | | X | | | | | X | | | | | X | | 10 |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 07/26/2007
Time Report Requested: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | |
|------------------------------|-------------|
| B6C3F1 MICE MALE
0.5 G/KG | DAY ON TEST | 0 | |
| | | 5 | 6 | 4 | 6 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 7 | 5 | 7 | 7 | 5 | |
| | | 4 | 8 | 5 | 3 | 2 | 9 | 1 | 2 | 3 | 7 | 2 | 2 | 2 | 3 | 2 | 3 | 7 | 0 | 6 | 3 | 3 | 8 | 3 | 2 | 2 |
| | | 9 | 5 | 0 | 7 | 9 | 1 | 6 | 9 | 0 | 9 | 8 | 8 | 1 | 1 | 9 | 0 | 3 | 8 | 7 | 0 | 0 | 6 | 0 | 9 | 5 |
| | |
| | ANIMAL ID | 0 | |
| | | 0 |
| | | 1 |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 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 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|--|--|--|--|--|---|--|--|----|
| Liver | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | X | | | | | | | | | | 2 |
| Melanoma Malignant, Metastatic, Eye | | | | | | | | | | | | | | | | | | | | | | | X | | | 1 |
| Mediastinum, Hemangiosarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Nose | | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Carcinoma, Metastatic, Harderian Gland | | | | | | | | | | | | | | | | | X | | | | | | | | | 1 |
| Trachea | | | | | | | | | | | | | | | | | | | | | | | | | | 50 |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|---|---|--|--|--|--|---|---|---|----|
| Eye | | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Melanoma Malignant | | | | | | | | | | | | | | | | | | | | | | | X | | | 1 |
| Harderian Gland | | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Adenoma | | | | | | X | | | | | | | | | | | X | | | | | | | X | X | 10 |
| Carcinoma | | | | | | | | | | | | | | | | | | X | | | | | X | | | 2 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|---|--|--|--|----|
| Kidney | | | | | | | | | | | | | | | | | | | | | | | | | | 50 |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | X | | | | | | X | | | | 2 |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | |
|------------------|-------------|
| | DAY ON TEST | 0 | |
| | | 5 | 6 | 4 | 6 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 7 | 5 | 7 | 7 | 5 | |
| | | 4 | 8 | 5 | 3 | 2 | 9 | 1 | 2 | 3 | 7 | 2 | 2 | 2 | 3 | 2 | 3 | 7 | 0 | 6 | 3 | 3 | 8 | 3 | 2 | 2 |
| | | 9 | 5 | 0 | 7 | 9 | 1 | 6 | 9 | 0 | 9 | 8 | 8 | 1 | 1 | 9 | 0 | 3 | 8 | 7 | 0 | 0 | 6 | 0 | 9 | 5 |
| | |
| B6C3F1 MICE MALE | ANIMAL ID | 0 | |
| | | 0 | |
| | | 1 | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | 0.5 G/KG | 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 |

| | |
|-----------------------|----|
| Renal Tubule, Adenoma | | 1 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 49 |

SYSTEMIC LESIONS

| | |
|---------------------|----|
| Multiple Organ | + | 50 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | X | | | | | | | | | | | | 3 |

* .. 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. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

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

males
(cont...)

ALIMENTARY SYSTEM

| | |
|--|---|
| Esophagus | I | + |
| Gallbladder | + |
| Squamous Cell Carcinoma, Metastatic,
Stomach, Forestomach | |
| Intestine Large, Cecum | + |
| Intestine Large, Colon | + |
| Intestine Large, Rectum | + |
| Intestine Small, Duodenum | + |
| Intestine Small, Ileum | + |
| Intestine Small, Jejunum | + |
| Liver | + |
| Hepatoblastoma | |
| Hepatocellular Adenoma | | | | | | | | | | | X | | | | | | | X | | X | | | | | X |
| Hepatocellular Adenoma, Multiple | X | | | | |
| Hepatocellular Carcinoma | | | | X | | | | | X | | | | X | | | X | | | | X | | | | | X |

* .. 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. 99023 - 04
Test Type: CHRONIC
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Species/Strain: MICE/B6C3F1

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beta-Myrcene
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Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

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

males
(cont...)

Hepatocellular Carcinoma, Multiple

Mesentery

Squamous Cell Carcinoma, Metastatic,
Stomach, Forestomach

Pancreas

Salivary Glands

Stomach, Forestomach
Squamous Cell Carcinoma

Stomach, Glandular

Tooth

CARDIOVASCULAR SYSTEM

Blood Vessel

Heart

Alveolar/Bronchiolar Carcinoma,
Metastatic, Lung

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

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

ENDOCRINE SYSTEM

| | |
|---|---|
| Adrenal Cortex | + |
| Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach | |
| Adrenal Medulla | + |
| Islets, Pancreatic | + |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + |
| Pituitary Gland | + | + | + | M | + |
| Thyroid Gland | + |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | |
|--|---|
| Epididymis | + |
| Squamous Cell Carcinoma, Metastatic,
Stomach, Forestomach | |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | | |
|------------------------------|-------------|--------------------|-----------------------|
| B6C3F1 MICE MALE
1.0 G/KG | DAY ON TEST | 0
5
0
5 | 0
5
0
4 | 0
5
0
4 | 0
5
0
4 | 0
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4 | 0
5
0
4 | 0
5
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4 | 0
5
0
4 | 0
7
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9 | 0
5
2
2 | 0
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3
9 | 0
7
2
8 | 0
7
2
9 | 0
3
2
3 | 0
7
3
0 | 0
3
2
4 | 0
7
3
0 | 0
4
3
0 | 0
7
3
0 | 0
5
3
5 | 0
1
0
5 | 0
5
3
5 | 0
7
0
5 | 0
2
0
9 | males
(cont...) | |
| | ANIMAL ID | 0
0
1
5
1 | 0
0
1
5
2 | 0
0
1
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3 | 0
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1
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4 | 0
0
1
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5 | 0
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1
5
6 | 0
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7 | 0
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5 | 0
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7 | 0
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8 | 0
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HEMATOPOIETIC SYSTEM

| | | |
|--|--|---|
| Bone Marrow | | + |
| Lymph Node | | |
| Bronchial, Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach | | |
| Mediastinal, Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach | | |
| Lymph Node, Mandibular | | + | I | + | + | + |
| Lymph Node, Mesenteric | | M | + |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | | |
|--|-------------|-----------------------|---|
| B6C3F1 MICE MALE
1.0 G/KG | DAY ON TEST | 0
5
0
5 | 0
5
0
4 | 0
5
0
4 | 0
5
0
4 | 0
5
0
4 | 0
5
0
4 | 0
5
0
4 | 0
5
0
4 | 0
7
2
9 | 0
5
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
8 | 0
7
2
9 | 0
3
2
3 | 0
7
2
0 | 0
3
2
0 | 0
4
3
0 | 0
7
3
0 | 0
5
3
5 | 0
1
3
5 | 0
5
0
5 | 0
7
0
5 | 0
2
2
9 | | |
| | ANIMAL ID | 0
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3 | 0
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4 | 0
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7 | 0
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2 | 0
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3 | 0
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1
7
4 | 0
0
1
7
5 | |
| | | | |
| | | | |
| | | | |
| Spleen | | + | |
| Squamous Cell Carcinoma, Metastatic,
Stomach, Forestomach | | | |
| Thymus | | + | + | M | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | M | + | | |
| Alveolar/Bronchiolar Carcinoma,
Metastatic, Lung | | X | |
| INTEGUMENTARY SYSTEM | | | |
| Mammary Gland | | M | M |
| Skin | | + | + |
| MUSCULOSKELETAL SYSTEM | | | |
| Bone | | + | + |
| Skeletal Muscle | | | |
| NERVOUS SYSTEM | | | |
| Brain | | + | + |

* .. 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. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

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

males
(cont...)

RESPIRATORY SYSTEM

| | |
|--|---|
| Lung | + |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | X | X | | | | X | | X | X | | | X |
| Alveolar/Bronchiolar Adenoma, Multiple |
| Alveolar/Bronchiolar Carcinoma | X |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung | | X |
| Hepatocellular Carcinoma, Metastatic, Liver | | | X | | | | | X | | | | | | | X | | | | | | | | | X |
| Nose | + |
| Trachea | + |

SPECIAL SENSES SYSTEM

| |
|-----------------|
| Eye | + |
| Harderian Gland | + |
| Adenoma | | | | | | X | | X | | | | | | | | | | | X | | | | | |
| Carcinoma | | | | | | | | | | | X | | | | | | | | | | | | | |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

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

males
(cont...)

URINARY SYSTEM

| |
|-----------------------|
| Kidney | + |
| Renal Tubule, Adenoma | |
| Urinary Bladder | + |

SYSTEMIC LESIONS

| |
|----------------|
| Multiple Organ | + |
|----------------|

* .. 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. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| | |
|------------------------------|-------------|
| B6C3F1 MICE MALE
1.0 G/KG | DAY ON TEST | 0 | |
| | | 7 | 7 | 4 | 7 | 7 | 4 | 3 | 7 | 3 | 6 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 6 | 7 | 3 | 6 | 5 | 5 | 1 | 3 |
| | | 2 | 2 | 6 | 2 | 2 | 2 | 2 | 3 | 3 | 8 | 2 | 4 | 3 | 2 | 9 | 2 | 2 | 7 | 2 | 3 | 6 | 5 | 5 | 1 | 0 |
| | | 9 | 9 | 5 | 9 | 8 | 2 | 7 | 0 | 1 | 1 | 8 | 2 | 0 | 8 | 1 | 9 | 3 | 3 | 9 | 4 | 1 | 7 | 6 | 3 | 9 |
| | |
| | ANIMAL ID | 0 |
| | | 0 |
| | | 1 | 2 |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 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 | |

ALIMENTARY SYSTEM

| | |
|---|----|
| Esophagus | + | 49 |
| Gallbladder | + | M | + | 49 |
| Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach | | | | | | | | | | | | | | | | | X | | | | | | | | | 1 |
| Intestine Large, Cecum | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | A | 47 |
| Intestine Large, Colon | + | 50 |
| Intestine Large, Rectum | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 48 |
| Intestine Small, Ileum | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | A | 47 |
| Intestine Small, Jejunum | + | + | + | + | + | + | A | + | + | A | + | + | + | + | A | + | + | + | + | + | + | A | + | + | A | 45 |
| Liver | + | 50 |
| Hepatoblastoma | | 1 |
| Hepatocellular Adenoma | | | | X | | | | | | | X | | | | | | X | X | | | | | | | | 8 |
| Hepatocellular Adenoma, Multiple | X | X | | X | | | | X | | | | X | X | X | | X | | | X | | | | | | | 10 |
| Hepatocellular Carcinoma | | | | | | | | | | X | | | | | X | | X | | | | | | | | | 9 |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | |
|------------------------------|-------------|
| B6C3F1 MICE MALE
1.0 G/KG | DAY ON TEST | 0 | | |
| | | 7 | 7 | 4 | 7 | 7 | 4 | 3 | 7 | 3 | 6 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 6 | 7 | 3 | 6 | 5 | 5 | 1 | 3 |
| | | 2 | 2 | 6 | 2 | 2 | 2 | 2 | 3 | 3 | 8 | 2 | 4 | 3 | 2 | 9 | 2 | 2 | 7 | 2 | 3 | 6 | 5 | 5 | 1 | 0 |
| | | 9 | 9 | 5 | 9 | 8 | 2 | 7 | 0 | 1 | 1 | 8 | 2 | 0 | 8 | 1 | 9 | 3 | 3 | 9 | 4 | 1 | 7 | 6 | 3 | 9 |
| | |
| | ANIMAL ID | 0 |
| | | 0 |
| | | 1 | 2 |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 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 | |

| | |
|---|----|
| Hepatocellular Carcinoma, Multiple | X | | 1 |
| Mesentery | + | | 3 |
| Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach | X | | 1 |
| Pancreas | + | 50 |
| Salivary Glands | + | 50 |
| Stomach, Forestomach | + | 50 |
| Squamous Cell Carcinoma | X | | 1 |
| Stomach, Glandular | + | 50 |
| Tooth | + | + | | + | + | | | + | | | + | | | + | | + | | | + | | | | | | 13 |

CARDIOVASCULAR SYSTEM

| | |
|--|----|
| Blood Vessel | + | | 2 |
| Heart | + | 50 |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung | | 1 |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | |
|------------------------------|-------------|
| B6C3F1 MICE MALE
1.0 G/KG | DAY ON TEST | 0 | | |
| | | 7 | 7 | 4 | 7 | 7 | 4 | 3 | 7 | 3 | 6 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 6 | 7 | 3 | 6 | 5 | 5 | 1 | 3 |
| | | 2 | 2 | 6 | 2 | 2 | 2 | 2 | 3 | 3 | 8 | 2 | 4 | 3 | 2 | 9 | 2 | 2 | 7 | 2 | 3 | 6 | 5 | 5 | 1 | 0 |
| | | 9 | 9 | 5 | 9 | 8 | 2 | 7 | 0 | 1 | 1 | 8 | 2 | 0 | 8 | 1 | 9 | 3 | 3 | 9 | 4 | 1 | 7 | 6 | 3 | 9 |
| | |
| | ANIMAL ID | 0 |
| | | 0 |
| | | 1 | 2 |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 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 | |

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | |
|------------------------------|-------------|
| B6C3F1 MICE MALE
1.0 G/KG | DAY ON TEST | 0 | | |
| | | 7 | 7 | 4 | 7 | 7 | 4 | 3 | 7 | 3 | 6 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 6 | 7 | 3 | 6 | 5 | 5 | 1 | 3 |
| | | 2 | 2 | 6 | 2 | 2 | 2 | 2 | 3 | 3 | 8 | 2 | 4 | 3 | 2 | 9 | 2 | 2 | 7 | 2 | 3 | 6 | 5 | 5 | 1 | 0 |
| | | 9 | 9 | 5 | 9 | 8 | 2 | 7 | 0 | 1 | 1 | 8 | 2 | 0 | 8 | 1 | 9 | 3 | 3 | 9 | 4 | 1 | 7 | 6 | 3 | 9 |
| | |
| | ANIMAL ID | 0 | |
| | | 0 | |
| | | 1 | 2 | |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 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 | |

| | |
|---|----|
| Preputial Gland | + | 50 |
| Prostate | + | 50 |
| Seminal Vesicle | + | 50 |
| Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach | | | | | | | | | | | | | | | | | | X | | | | | | | | 1 |
| Testes | + | 50 |

HEMATOPOIETIC SYSTEM

| | |
|--|----|
| Bone Marrow | + | 50 |
| Lymph Node | | 1 |
| Bronchial, Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach | 1 |
| Mediastinal, Squamous Cell Carcinoma, Metastatic, Stomach, Forestomach | | 1 |
| Lymph Node, Mandibular | + | 49 |
| Lymph Node, Mesenteric | + | + | M | + | + | + | + | + | + | + | M | + | + | + | M | M | + | + | + | + | + | M | + | + | + | 44 |

* .. 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. 99023 - 04
Test Type: CHRONIC
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Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
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Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | | | | |
|------------------------------|--|-----------------------|----------|----|----|
| B6C3F1 MICE MALE
1.0 G/KG | DAY ON TEST | 0
7
2
9 | 0
7
2
9 | 0
4
6
5 | 0
7
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9 | 0
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8 | 0
4
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7 | 0
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9 | * TOTALS | | |
| | ANIMAL ID | 0
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8 | 0
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| | | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | | 49 | |
| | Spleen | | | | | | | | | | | | | | | | | X | | | | | | | | 1 | |
| | Squamous Cell Carcinoma, Metastatic,
Stomach, Forestomach | | | | |
| | | + | | + | 47 |
| | Thymus | | | | 1 |
| | Alveolar/Bronchiolar Carcinoma,
Metastatic, Lung | | | | |
| | INTEGUMENTARY SYSTEM | | | | |
| | Mammary Gland | | M | | M | M |
| Skin | | + | + | 50 | |
| MUSCULOSKELETAL SYSTEM | | | | | |
| Bone | | + | + | 50 | |
| Skeletal Muscle | | | + | | 1 | |
| NERVOUS SYSTEM | | | | | |
| Brain | | + | + | 50 | |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 07/26/2007
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First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | B6C3F1 MICE MALE
1.0 G/KG | |
|-------------|---|------------------------------|--|
| | | | |
| DAY ON TEST | 0 | 0 | 0 | |
| | 7 | 7 | 4 | 7 | 7 | 4 | 3 | 7 | 3 | 6 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 6 | 7 | 3 | 6 | 5 | 5 | 1 | 3 | |
| | 2 | 2 | 6 | 2 | 2 | 2 | 2 | 3 | 3 | 8 | 2 | 4 | 3 | 2 | 9 | 2 | 2 | 7 | 2 | 3 | 6 | 5 | 5 | 1 | 0 | |
| | 9 | 9 | 5 | 9 | 8 | 2 | 7 | 0 | 1 | 1 | 8 | 2 | 0 | 8 | 1 | 9 | 3 | 3 | 9 | 4 | 1 | 7 | 6 | 3 | 9 | |
| | | | |
| ANIMAL ID | 0 | 0 | 0 | |
| | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 2 | | |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 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 | |

RESPIRATORY SYSTEM

| | |
|--|----|
| Lung | + | 50 |
| Alveolar/Bronchiolar Adenoma | X | X | | X | | | X | | | | | | | | X | X | X | | | | | | | | | 13 |
| Alveolar/Bronchiolar Adenoma, Multiple | | | | | | | | | | | | | X | | | | | | | | | | | | | 1 |
| Alveolar/Bronchiolar Carcinoma | | | X | | 2 |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung | | 1 |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | X | | | | | | | | | 5 |
| Nose | + | 50 |
| Trachea | + | 50 |

SPECIAL SENSES SYSTEM

| | |
|-----------------|----|
| Eye | + | 50 |
| Harderian Gland | + | 50 |
| Adenoma | | | | | | | | | | | X | | X | | X | | | | | | | | | | | 6 |
| Carcinoma | 1 |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | |
|------------------------------|-------------|----------|
| B6C3F1 MICE MALE
1.0 G/KG | DAY ON TEST | 0 |
| | | 7 | 7 | 4 | 7 | 7 | 4 | 3 | 7 | 3 | 6 | 7 | 5 | 7 | 7 | 6 | 7 | 6 | 6 | 7 | 3 | 6 | 5 | 5 | 1 | 3 | |
| | | 2 | 2 | 6 | 2 | 2 | 2 | 2 | 3 | 3 | 8 | 2 | 4 | 3 | 2 | 9 | 2 | 2 | 7 | 2 | 3 | 6 | 5 | 5 | 1 | 0 | |
| | | 9 | 9 | 5 | 9 | 8 | 2 | 7 | 0 | 1 | 1 | 8 | 2 | 0 | 8 | 1 | 9 | 3 | 3 | 9 | 4 | 1 | 7 | 6 | 3 | 9 | |
| | | |
| | ANIMAL ID | 0 |
| | | 0 |
| | | 1 | 2 | |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 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 |

URINARY SYSTEM

| | |
|-----------------------|----|
| Kidney | + | 50 |
| Renal Tubule, Adenoma | | | | | | | | | | | | | | | | | | | X | | | | | | | 1 |
| Urinary Bladder | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |

SYSTEMIC LESIONS

| | |
|----------------|----|
| Multiple Organ | + | 50 |
|----------------|----|

*** END OF MALE DATA ***

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | |
|------------------------------|-------------|----------------------|
| B6C3F1 MICE FEMALE
0 G/KG | DAY ON TEST | 0 | 0 | |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 5 | 7 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 2 | 2 | 0 | 2 | 2 | 2 | 9 | 2 | 2 | 4 | 2 |
| | | 8 | 8 | 9 | 7 | 7 | 7 | 8 | 8 | 8 | 2 | 7 | 8 | 3 | 2 | 7 | 6 | 8 | 7 | 9 | 8 | 7 | 8 | 0 | 7 |
| | | |
| ANIMAL ID | 0 | 0 | 0 | |
| | 0 | 0 | 0 | |
| | 2 | 2 | 2 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | |
| | 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 |
| | | females
(cont...) | |

ALIMENTARY SYSTEM

| |
|-----------------------------------|
| Esophagus | + |
| Gallbladder | + | + | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymphoma Malignant | | | X | | | | | | | | | | | | | | | | | X | | | | |
| Intestine Large, Cecum | + |
| Intestine Large, Colon | + |
| Intestine Large, Rectum | + |
| Intestine Small, Duodenum | + |
| Intestine Small, Ileum | + |
| Intestine Small, Jejunum | + |
| Carcinoma |
| Liver | + |
| Hemangiosarcoma, Metastatic, Skin | |
| Hepatocellular Adenoma | | | | | | | | X | | | | | | | | | | | | | | | | |
| Hepatocellular Carcinoma | | | | | | | | | | | | | X | | | | | | | | | | | |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | | |
|------------------------------|----------------------|--|--|
| B6C3F1 MICE FEMALE
0 G/KG | DAY ON TEST | 0
7
2
8 | 0
7
2
8 | 0
7
2
9 | 0
7
2
7 | 0
7
2
7 | 0
7
2
7 | 0
7
2
8 | 0
7
2
8 | 0
7
2
8 | 0
6
2
2 | 0
7
2
7 | 0
6
2
9 | 0
6
2
2 | 0
7
2
0 | 0
7
2
6 | 0
7
2
8 | 0
7
2
9 | 0
7
2
8 | 0
4
2
7 | 0
7
2
7 | 0
7
2
8 | 0
5
4
0 | 0
7
2
7 | | |
| | ANIMAL ID | 0
0
2
0
1 | 0
0
2
0
2 | 0
0
2
0
3 | 0
0
2
0
4 | 0
0
2
0
5 | 0
0
2
0
6 | 0
0
2
0
7 | 0
0
2
0
8 | 0
0
2
0
9 | 0
0
2
1
0 | 0
0
2
1
1 | 0
0
2
1
1 | 0
0
2
1
1 | 0
0
2
1
1 | 0
0
2
1
1 | 0
0
2
1
1 | 0
0
2
1
1 | 0
0
2
1
2 | 0
0
2
2
1 | 0
0
2
2
2 | 0
0
2
2
3 | 0
0
2
2
4 | 0
0
2
2
5 | | |
| | females
(cont...) | | | |
| | Lymphoma Malignant | X | | | | | | | | | | | | X | | | | | | | | | | | | |
| | Mesentery | + | | | | | | | | | | | | + | | | | | | | | | | | | |
| | Hemangioma | | | |
| | Lymphoma Malignant | | | | | | | | | | | | | X | | | | | | | | | | | | |
| | Pancreas | + | | | | | | | | | | | | + | | | | | | | | | | | | |
| | Lymphoma Malignant | X | | | | | | | | | | | | X | | | | | | | | | | | | |
| | Salivary Glands | + | | | | | | | | | | | | + | | | | | | | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| Stomach, Forestomach | + | | | | | | | | | | | | + | | | | | | | | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| Squamous Cell Papilloma | | | |
| Stomach, Glandular | + | | | | | | | | | | | | + | | | | | | | | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| Tooth | + | | | |

CARDIOVASCULAR SYSTEM

Blood Vessel

+

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | |
|------------------------------|-------------|-------------------|
| B6C3F1 MICE FEMALE
0 G/KG | DAY ON TEST | 0 | 0 | | |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 5 | 7 | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 2 | 2 | 0 | 2 | 2 | 2 | 9 | 2 | 2 | 4 | 2 | |
| | | 8 | 8 | 9 | 7 | 7 | 7 | 8 | 8 | 8 | 2 | 7 | 8 | 3 | 2 | 7 | 6 | 8 | 7 | 9 | 8 | 7 | 7 | 8 | 0 | 7 |
| | | |
| ANIMAL ID | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | | |
| | 2 | 2 | 2 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | | |
| | 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 | |
| | | females (cont...) | |

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

ENDOCRINE SYSTEM

| |
|--------------------------|
| Adrenal Cortex | + |
| Lymphoma Malignant | X |
| Subcapsular, Adenoma | | | | | | | | | | | X | | | | | | | | | | | | | |
| Adrenal Medulla | + |
| Islets, Pancreatic | + |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + |
| Lymphoma Malignant | X |
| Pituitary Gland | + |
| Pars Distalis, Adenoma |
| Thyroid Gland | + |
| Lymphoma Malignant | X |
| Follicular Cell, Adenoma | | X | |

GENERAL BODY 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | | |
|------------------------------|-----------|-------------|----------------------|
| B6C3F1 MICE FEMALE
0 G/KG | ANIMAL ID | DAY ON TEST | | females
(cont...) |
| | | 0 | 0 | | | |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 5 | 7 | | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 2 | 2 | 0 | 2 | 2 | 2 | 9 | 2 | 2 | 4 | 2 | | |
| | | 8 | 8 | 9 | 7 | 7 | 7 | 8 | 8 | 8 | 2 | 7 | 8 | 3 | 2 | 7 | 6 | 8 | 7 | 9 | 8 | 7 | 7 | 8 | 0 | 7 | |
| | | | |
| B6C3F1 MICE FEMALE
0 G/KG | ANIMAL ID | 0 | 0 | | |
| | | 0 | 0 | | |
| | | 2 | 2 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| | | 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 | |

females
(cont...)

NONE

GENITAL SYSTEM

| |
|--------------------|
| Clitoral Gland | + | M | + | + | + |
| Ovary | + |
| Cystadenoma | | | | | | | X | | | | | | | | | | | | | | | | | | |
| Luteoma |
| Lymphoma Malignant | | X | | | |
| Uterus | + |
| Lymphoma Malignant | | X | | | |

HEMATOPOIETIC SYSTEM

| |
|-----------------------------------|
| Bone Marrow | + |
| Hemangiosarcoma, Metastatic, Skin | |
| Lymphoma Malignant | X | | | |
| Lymph Node | | | + | | | | | | | | | | | | | | | | | | | | + | | |
| Inguinal, Lymphoma Malignant |
| Lumbar, Lymphoma Malignant | X | | |
| Mediastinal, Lymphoma Malignant | | | | X | | | | | | | | | | | | | | | | | | | X | | |

* .. 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

Page 64

TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | |
|------------------------------|-------------|-------------------|
| B6C3F1 MICE FEMALE
0 G/KG | DAY ON TEST | 0 | 0 | |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 5 | 7 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 2 | 2 | 0 | 2 | 2 | 2 | 9 | 2 | 2 | 4 | 2 |
| | | 8 | 8 | 9 | 7 | 7 | 7 | 8 | 8 | 8 | 2 | 7 | 8 | 3 | 2 | 7 | 6 | 8 | 7 | 9 | 8 | 7 | 8 | 0 | 7 |
| | | |
| ANIMAL ID | 0 | 0 | 0 | |
| | 0 | 0 | 0 | |
| | 2 | 2 | 2 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | |
| | 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 |
| | | females (cont...) | |

Subcutaneous Tissue,
Hemangiosarcoma
Subcutaneous Tissue, Sarcoma

X

MUSCULOSKELETAL SYSTEM

Bone +

NERVOUS SYSTEM

Brain +
Lymphoma Malignant X

RESPIRATORY SYSTEM

Lung +
Alveolar/Bronchiolar Adenoma X X
Alveolar/Bronchiolar Carcinoma X
Lymphoma Malignant X
Nose +
Lymphoma Malignant X

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| B6C3F1 MICE FEMALE
0 G/KG | | ANIMAL ID | DAY ON TEST | | females
(cont...) |
|------------------------------|--|-----------|-------------|----------------------|
| | | | 0 | 0 | | |
| | | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 5 | 7 | |
| | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 2 | 2 | 0 | 2 | 2 | 2 | 2 | 9 | 2 | 2 | 4 | 2 | |
| | | | 8 | 8 | 9 | 7 | 7 | 7 | 8 | 8 | 8 | 2 | 7 | 8 | 3 | 2 | 7 | 6 | 8 | 7 | 9 | 8 | 7 | 7 | 8 | 0 | 7 | |
| | | | 0 | 0 | | |
| | | | 0 | 0 | | |
| | | | 2 | 2 | | |
| | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | | |
| | | | 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 | |

Trachea +
Lymphoma Malignant X

SPECIAL SENSES SYSTEM

Eye +
Sclera, Lymphoma Malignant X

Harderian Gland +
Adenoma X X
Lymphoma Malignant X

URINARY SYSTEM

Kidney +
Lymphoma Malignant X

Urinary Bladder +
Lymphoma Malignant X

SYSTEMIC LESIONS

Multiple Organ +

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | |
|------------------------------|-----------|-------------|
| B6C3F1 MICE FEMALE
0 G/KG | ANIMAL ID | DAY ON TEST | |
| | | 0 | 0 | |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 5 | 7 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 2 | 2 | 0 | 2 | 2 | 2 | 2 | 9 | 2 | 2 | 4 | 2 |
| | | 8 | 8 | 9 | 7 | 7 | 7 | 8 | 8 | 8 | 2 | 7 | 8 | 3 | 2 | 7 | 6 | 8 | 7 | 9 | 8 | 7 | 7 | 8 | 0 | 7 |
| | | |
| B6C3F1 MICE FEMALE
0 G/KG | ANIMAL ID | 0 | 0 | |
| | | 0 | 0 | |
| | | 2 | 2 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | | 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 |
| females (cont...) | | |

females
(cont...)

Lymphoma Malignant

X

X

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 07/26/2007
Time Report Requested: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | DAY ON TEST | 0 |
|--|--|-------------|
|--|--|-------------|

CARDIOVASCULAR SYSTEM

| | | |
|--------------|---|---|
| Blood Vessel | + | 2 |
|--------------|---|---|

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

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

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

ENDOCRINE SYSTEM

| | |
|--------------------------|----|
| Adrenal Cortex | + | 50 |
| Lymphoma Malignant | | | | | | | | | | X | | | | | | | | | | | | | | | | 2 |
| Subcapsular, Adenoma | 1 |
| Adrenal Medulla | + | 50 |
| Islets, Pancreatic | + | 50 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | M | + | + | + | 47 |
| Lymphoma Malignant | 1 |
| Pituitary Gland | + | 50 |
| Pars Distalis, Adenoma | 1 |
| Thyroid Gland | + | 50 |
| Lymphoma Malignant | 1 |
| Follicular Cell, Adenoma | | 1 |

GENERAL BODY 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 07/26/2007
Time Report Requested: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

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

NONE

GENITAL SYSTEM

| | |
|--------------------|----|
| Clitoral Gland | + | 49 |
| Ovary | + | 50 |
| Cystadenoma | | | | | | | | | | | | | | X | | | | | | | | | | | | 2 |
| Luteoma | | | | | | X | | | | | | | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | | 1 |
| Uterus | + | 50 |
| Lymphoma Malignant | | 1 |

HEMATOPOIETIC SYSTEM

| | |
|-----------------------------------|----|
| Bone Marrow | + | 50 |
| Hemangiosarcoma, Metastatic, Skin | | X | | 1 |
| Lymphoma Malignant | 1 |
| Lymph Node | | + | | | | | + | | | | | | + | | | | | | | | | + | | + | | 7 |
| Inguinal, Lymphoma Malignant | | | | | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Lumbar, Lymphoma Malignant | | | | | | | X | | | | | | | | | | | | | | | | | | | 2 |
| Mediastinal, Lymphoma Malignant | | | | | | | X | | | | | | | | | | | | | | | | | | | 3 |

* .. 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. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

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

| | |
|-----------------------------------|----|
| Renal, Lymphoma Malignant | 2 |
| Lymph Node, Mandibular | + | 50 |
| Lymphoma Malignant | | | | X | | | X | | | | | | | | X | | | | X | | | | | | | | 6 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Lymphoma Malignant | | | | X | | | X | | | | | | | | X | | | | | | | | | | | | 5 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Hemangiosarcoma, Metastatic, Skin | | | | X | | 1 |
| Lymphoma Malignant | | | | | | | X | | | | | | | | X | | | | | X | | | | | | | 5 |
| Thymus | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Lymphoma Malignant | | | | X | | | X | | | | | | | | | | | | | X | | | | | | | 4 |

INTEGUMENTARY SYSTEM

| | |
|-----------------------------------|----|
| Mammary Gland | + | 50 |
| Skin | + | 50 |
| Basosquamous Tumor Benign | 1 |
| Subcutaneous Tissue, Fibroma | 1 |
| Subcutaneous Tissue, Fibrosarcoma | | 1 |
| Subcutaneous Tissue, Hemangioma | X | | | | 1 |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

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

| | | |
|---|---|---|
| Subcutaneous Tissue,
Hemangiosarcoma | X | 1 |
| Subcutaneous Tissue, Sarcoma | | 1 |

MUSCULOSKELETAL SYSTEM

| | |
|------|----|
| Bone | + | 50 |
|------|----|

NERVOUS SYSTEM

| | |
|--------------------|----|
| Brain | + | 50 |
| Lymphoma Malignant | | 1 |

RESPIRATORY SYSTEM

| | |
|--------------------------------|----|
| Lung | + | 50 |
| Alveolar/Bronchiolar Adenoma | | | | | | X | | | | | | | | | | | X | | | | | | | | | 4 |
| Alveolar/Bronchiolar Carcinoma | | X | | | | | 2 |
| Lymphoma Malignant | 1 |
| Nose | + | 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 07/26/2007
Time Report Requested: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

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

| | |
|--------------------|----|
| Trachea | + | 50 |
| Lymphoma Malignant | | 1 |

SPECIAL SENSES SYSTEM

| | |
|----------------------------|----|
| Eye | + | 50 |
| Sclera, Lymphoma Malignant | | 1 |
| Harderian Gland | + | 50 |
| Adenoma | | | X | | X | | | 4 |
| Lymphoma Malignant | 1 |

URINARY SYSTEM

| | |
|--------------------|----|
| Kidney | + | 50 |
| Lymphoma Malignant | | 1 |
| Urinary Bladder | + | 50 |
| Lymphoma Malignant | | 1 |

SYSTEMIC LESIONS

| | |
|----------------|----|
| Multiple Organ | + | 50 |
|----------------|----|

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | |
|------------------------------|--|----------|
| DAY ON TEST | | 0 | | |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 6 | 2 | 4 | 8 | 2 | 2 | 2 | 2 | 2 | 8 | 2 | | |
| | | 8 | 9 | 7 | 8 | 7 | 7 | 8 | 7 | 1 | 9 | 9 | 8 | 8 | 4 | 7 | 3 | 9 | 8 | 7 | 7 | 7 | 9 | 9 | 5 | 8 | |
| B6C3F1 MICE FEMALE
0 G/KG | | |
| | | 0 | | |
| | | 0 | | |
| | | 2 | | |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 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 |
| Lymphoma Malignant | | | | X | X | | | X | | | | | | X | | | | | X | | | | | | | 7 | |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | |
|---------------------------------|-------------|-------------------|
| B6C3F1 MICE FEMALE
0.25 G/KG | DAY ON TEST | 0 | 0 | |
| | | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 7 | 7 | 7 | 7 | |
| | | 1 | 3 | 2 | 2 | 2 | 1 | 2 | 9 | 2 | 2 | 1 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 0 | 3 | 2 | 2 | 2 | 0 |
| | | 7 | 1 | 9 | 9 | 9 | 6 | 8 | 4 | 8 | 8 | 6 | 7 | 4 | 8 | 9 | 9 | 9 | 7 | 9 | 8 | 3 | 2 | 8 | 7 |
| | | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 7 | 7 | 7 | 7 | 7 |
| ANIMAL ID | 0 | 0 | 0 | |
| | 0 | 0 | 0 | |
| | 2 | 2 | 2 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 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 | |
| | | females (cont...) | |

ALIMENTARY SYSTEM

| | |
|--|---|
| Esophagus | + |
| Lymphoma Malignant | | X |
| Nerve, Schwannoma Malignant,
Metastatic, Uncertain Primary Site | | X |
| Gallbladder | + |
| Sarcoma, Metastatic, Skin | | | | | | | X | | | | | | | | | | | | | | | | | |
| Intestine Large, Cecum | + |
| Intestine Large, Colon | + |
| Intestine Large, Rectum | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + |
| Hepatocellular Adenoma | | | X | | X | | | | | | | | X | | | | | | | | | | X | |
| Hepatocellular Adenoma, Multiple |

* .. 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. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| | | DAY ON TEST | | |
|--|--|-------------|----------------------|--|
| | | 0 | 0 | | |
| | | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 7 | 7 | 7 | 7 | | |
| | | 1 | 3 | 2 | 2 | 2 | 1 | 2 | 9 | 2 | 2 | 1 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 3 | 2 | 2 | 2 | 0 | | |
| | | 7 | 1 | 9 | 9 | 9 | 6 | 8 | 4 | 8 | 8 | 6 | 7 | 4 | 8 | 9 | 9 | 7 | 9 | 8 | 3 | 2 | 8 | 7 | 9 | 6 | | |
| | | | | |
| B6C3F1 MICE FEMALE | | ANIMAL ID | | |
| 0.25 G/KG | | 0 | 0 | | |
| | | 0 | 0 | | |
| | | 2 | 2 | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 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 | females
(cont...) | |
| Hepatocellular Carcinoma | | X | | | X | | | | | X | | | | | | | | | | | | | | | | | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | X | | | | | | X | | |
| Sarcoma, Metastatic, Skin | | | | | | | | X | | | | | | | | | | | | | | | | | | | | |
| Mesentery | | + | | | + | | + | + | | + | + | | | | | | | | | | + | + | | | | + | | |
| Hepatocellular Carcinoma, Metastatic, Liver | | X | | |
| Lymphoma Malignant | | | X | | |
| Sarcoma, Metastatic, Skin | | | | | | | | X | | | | | | | | | | | | | | | | | | | | |
| Schwannoma Malignant, Metastatic, Uncertain Primary Site | | | | | | | | | | | | | | | | | | | | | X | | | | | | | |
| Pancreas | | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Lymphoma Malignant | | | X | | |
| Schwannoma Malignant, Metastatic, Uncertain Primary Site | | | | | | | | | | | | | | | | | | | | | X | | | | | | | |
| Salivary Glands | | + | + | | |
| Lymphoma Malignant | | | X | | |
| Stomach, Forestomach | | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Lymphoma Malignant | | | X | | |
| Squamous Cell Papilloma | | | | |
| Serosa, Schwannoma Malignant, Metastatic, Uncertain Primary Site | | | | | | | | | | | | | | | | | | | | | X | | | | | | | |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 07/26/2007
Time Report Requested: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | |
|---------------------------------|-------------|-------------------|
| B6C3F1 MICE FEMALE
0.25 G/KG | DAY ON TEST | 0 | 0 |
| | | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 7 | 7 | 7 | 7 |
| | | 1 | 3 | 2 | 2 | 2 | 1 | 2 | 9 | 2 | 2 | 1 | 2 | 9 | 2 | 2 | 2 | 2 | 0 | 3 | 2 | 2 | 2 | 0 |
| | | 7 | 1 | 9 | 9 | 9 | 6 | 8 | 4 | 8 | 8 | 6 | 7 | 4 | 8 | 9 | 9 | 7 | 9 | 8 | 3 | 2 | 8 | 7 |
| B6C3F1 MICE FEMALE
0.25 G/KG | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 2 | 2 |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 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 |
| | | females (cont...) | |

Stomach, Glandular
Lymphoma Malignant

+ X

Tooth

+

CARDIOVASCULAR SYSTEM

Blood Vessel

+ +

Heart

+ X

Lymphoma Malignant

ENDOCRINE SYSTEM

Adrenal Cortex

+ X

Lymphoma Malignant

Sarcoma, Metastatic, Skin

X

Adrenal Medulla

+ +

Hepatocellular Carcinoma, Metastatic,
Liver

X

Islets, Pancreatic

+ + + + + + + A + + + + + + + + + + + + + + + + +

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 07/26/2007
Time Report Requested: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | | |
|-------------------------------------|--|-----------|----------------------|
| DAY ON TEST | | 0 | 0 | | | |
| | | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 7 | 7 | 7 | 7 | | | |
| | | 1 | 3 | 2 | 2 | 2 | 1 | 2 | 9 | 2 | 2 | 1 | 2 | 9 | 2 | 2 | 2 | 2 | 0 | 3 | 2 | 2 | 2 | 0 | | | |
| | | 7 | 1 | 9 | 9 | 9 | 6 | 8 | 4 | 8 | 8 | 6 | 7 | 4 | 8 | 9 | 9 | 7 | 9 | 8 | 3 | 2 | 8 | 7 | 9 | 6 | |
| B6C3F1 MICE FEMALE

0.25 G/KG | | | |
| | | ANIMAL ID | | 0 | |
| | | | | 0 |
| | | | | 2 |
| | | | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 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 | females
(cont...) |

Parathyroid Gland

+ + + + + + + + + + + + + M M + M + + M M M + M +

Pituitary Gland

+ +

Pars Distalis, Adenoma

Thyroid Gland

+ +

Lymphoma Malignant

X

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland

+ + + + + + + + + + + + M + + + + + + + + + + +

Hemangiosarcoma

X

Ovary

+ +

Cystadenoma

Lymphoma Malignant

X

Uterus

+ +

Hemangiosarcoma

Lymphoma Malignant

X

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| B6C3F1 MICE FEMALE
0.25 G/KG | | DAY ON TEST | | |
|--|---|-------------|--|---|
| | | 0 | 0 | | |
| | | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 7 | 7 | 7 | 7 | | |
| | | 1 | 3 | 2 | 2 | 2 | 1 | 2 | 9 | 2 | 2 | 1 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 3 | 2 | 2 | 2 | 0 | | |
| | | 7 | 1 | 9 | 9 | 9 | 6 | 8 | 4 | 8 | 8 | 6 | 7 | 4 | 8 | 9 | 9 | 7 | 9 | 8 | 3 | 2 | 8 | 7 | 9 | 6 | | |
| ANIMAL ID | | | | |
| | | 0 | 0 | | |
| | | 0 | 0 | | |
| | | 2 | 2 | | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 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 | | | | |
| | | | | |
| Lymphoma Malignant | | | | X |
| Lymph Node, Mesenteric | | | | |
| Lymphoma Malignant | | + | + | | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | | | |
| Sarcoma, Metastatic, Skin | | | | X |
| Spleen | | | | |
| Lymphoma Malignant | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | X | + | + | + | + | + | + | | |
| | | | | X |
| Thymus | | | | |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung | | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | | | |
| Hepatocellular Carcinoma, Metastatic, Liver | | X | | |
| Lymphoma Malignant | | | | X |
| Sarcoma, Metastatic, Skin | | | | |

INTEGUMENTARY SYSTEM

| |
|------------------------------|
| Mammary Gland | + |
| Skin | + |
| Lymphoma Malignant | X |
| Subcutaneous Tissue, Sarcoma | | X | | | | X | | X | | | X | | | | | | | | | | | | | | | |

* .. 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. 99023 - 04
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Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | |
|---------------------------------|-------------|-------------------|
| B6C3F1 MICE FEMALE
0.25 G/KG | DAY ON TEST | 0 | 0 | |
| | | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 7 | 7 | 7 | 7 | |
| | | 1 | 3 | 2 | 2 | 2 | 1 | 2 | 9 | 2 | 2 | 1 | 2 | 9 | 2 | 2 | 2 | 2 | 0 | 3 | 2 | 2 | 2 | 0 | |
| | | 7 | 1 | 9 | 9 | 9 | 6 | 8 | 4 | 8 | 8 | 6 | 7 | 4 | 8 | 9 | 9 | 7 | 9 | 8 | 3 | 2 | 8 | 7 | |
| | | 6 |
| B6C3F1 MICE FEMALE
0.25 G/KG | ANIMAL ID | 0 | 0 | |
| | | 0 | 0 | |
| | | 2 | 2 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 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 |
| | | females (cont...) | |

MUSCULOSKELETAL SYSTEM

| |
|---------------------------|
| Bone | + |
| Skeletal Muscle | | | | | | | + | | | | | | | | | | | | + | | | | | + |
| Lymphoma Malignant | X |
| Sarcoma, Metastatic, Skin | | | | | | | X | | | | | | | | | | | | | | | | | |

NERVOUS SYSTEM

| |
|--------------------|
| Brain | + |
| Peripheral Nerve | + |
| Lymphoma Malignant | | X |

RESPIRATORY SYSTEM

| | |
|---|---|
| Lung | + |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | X | | | | | | | | | | | | | | | |
| Alveolar/Bronchiolar Carcinoma |
| Hepatocellular Carcinoma, Metastatic, Liver | X | | | | | | | | | X | | | | | | | | | | | | | | |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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Lab: BAT

| | | | |
|---------------------------------|-------------|----------------------|---|
| B6C3F1 MICE FEMALE
0.25 G/KG | DAY ON TEST | 0 | females
(cont...) | |
| | | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 5 | 5 | 7 | 7 | 7 | 7 | | |
| | | 1 | 3 | 2 | 2 | 2 | 1 | 2 | 9 | 2 | 2 | 1 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 0 | 3 | 2 | 2 | 2 | | 0 |
| | 7 | 1 | 9 | 9 | 9 | 6 | 8 | 4 | 8 | 8 | 6 | 7 | 4 | 8 | 9 | 9 | 7 | 9 | 8 | 3 | 2 | 8 | 7 | 9 | | 6 |
| | | | |
| | ANIMAL ID | 0 | | 0 |
| | | 0 | | 0 |
| | | 2 | | 2 |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 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 |
| Urinary Bladder | | + | | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | X | | | | | X | | |

SYSTEMIC LESIONS

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

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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

ALIMENTARY SYSTEM

| | |
|--|----|
| Esophagus | + | 50 |
| Lymphoma Malignant | | 1 |
| Nerve, Schwannoma Malignant,
Metastatic, Uncertain Primary Site | | 1 |
| Gallbladder | + | 50 |
| Sarcoma, Metastatic, Skin | | 1 |
| Intestine Large, Cecum | + | 50 |
| Intestine Large, Colon | + | 50 |
| Intestine Large, Rectum | + | + | + | A | + | 49 |
| Intestine Small, Duodenum | + | + | + | A | + | 48 |
| Intestine Small, Ileum | + | 49 |
| Intestine Small, Jejunum | + | + | + | A | + | 48 |
| Liver | + | 50 |
| Hepatocellular Adenoma | X | | X | | | | | X | X | | | | | | | X | | X | | | | | X | | | 11 |
| Hepatocellular Adenoma, Multiple | | | | | | | | | | | | | X | X | | | | | | | | | | | | 2 |

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

+ .. Tissue examined microscopically

x .. Lesion present

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| | | |
|--------------------|-------------|----------|
| | DAY ON TEST | 0 | | |
| | | 7 | 7 | 7 | 6 | 7 | 1 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 4 | 7 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 7 | 7 | | |
| | | 2 | 2 | 2 | 0 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 0 | 5 | 2 | 2 | 2 | 2 | 9 | 3 | 2 | 2 | 2 | 2 | 2 | | |
| | | 7 | 8 | 9 | 8 | 9 | 9 | 7 | 9 | 8 | 8 | 8 | 3 | 9 | 4 | 7 | 8 | 8 | 8 | 3 | 7 | 8 | 7 | 7 | 8 | | |
| B6C3F1 MICE FEMALE | ANIMAL ID | 0 | | |
| | | 0 | | |
| | | 2 | 3 | | |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | | |
| 0.25 G/KG | | 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 |

| | |
|--------------------|----|
| Stomach, Glandular | + | 50 |
| Lymphoma Malignant | | 1 |
| Tooth | | | | | | | | | | + | | | | | | | | | | | + | | | | | 3 |

CARDIOVASCULAR SYSTEM

| | |
|--------------------|----|
| Blood Vessel | 2 |
| Heart | + | 50 |
| Lymphoma Malignant | | 1 |

ENDOCRINE SYSTEM

| | |
|---|----|
| Adrenal Cortex | + | 50 |
| Lymphoma Malignant | 1 |
| Sarcoma, Metastatic, Skin | 1 |
| Adrenal Medulla | + | 50 |
| Hepatocellular Carcinoma, Metastatic, Liver | | 1 |
| Islets, Pancreatic | + | 49 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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BLANK .. Not examined microscopically

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Lab: BAT

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

| | |
|------------------------|----|
| Parathyroid Gland | + | M | + | M | M | + | + | M | + | + | + | M | M | + | + | + | M | M | + | M | + | + | + | + | + | 34 |
| Pituitary Gland | + | 50 |
| Pars Distalis, Adenoma | | | | | | | | | | X | | | | | | | | | | | | | | | | 1 |
| Thyroid Gland | + | 50 |
| Lymphoma Malignant | 1 |

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

| | |
|--------------------|----|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Hemangiosarcoma | 1 |
| Ovary | + | 50 |
| Cystadenoma | 1 |
| Lymphoma Malignant | | 1 |
| Uterus | + | 50 |
| Hemangiosarcoma | 1 |
| Lymphoma Malignant | | 1 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

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

MUSCULOSKELETAL SYSTEM

| | |
|---------------------------|----|
| Bone | + | 50 |
| Skeletal Muscle | 3 |
| Lymphoma Malignant | 1 |
| Sarcoma, Metastatic, Skin | | 1 |

NERVOUS SYSTEM

| | |
|--------------------|----|
| Brain | + | 50 |
| Peripheral Nerve | 1 |
| Lymphoma Malignant | | 1 |

RESPIRATORY SYSTEM

| | |
|---|----|
| Lung | + | 50 |
| Alveolar/Bronchiolar Adenoma | 1 |
| Alveolar/Bronchiolar Carcinoma | 1 |
| Hepatocellular Carcinoma, Metastatic, Liver | | 2 |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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

| | |
|---|---|
| Lymphoma Malignant | 1 |
| Sarcoma, Metastatic, Skin | 2 |
| Sarcoma, Metastatic, Uncertain Primary Site | 1 |

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

SPECIAL SENSES SYSTEM

| | |
|--------------------|----|
| Eye | + | 50 |
| Lymphoma Malignant | | 1 |
| Harderian Gland | + | 50 |
| Adenoma | X | | | | X | | | | | X | | | | | X | | | | | | | | | | 6 |
| Lymphoma Malignant | | 1 |
| Bilateral, Adenoma | | 1 |

URINARY SYSTEM

| | |
|--------------------|----|
| Kidney | + | 50 |
| Lymphoma Malignant | | 2 |

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+ .. Tissue examined microscopically

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Lab: BAT

| | | | | | |
|--------------------------------|--|-----------|----------------------|---|---|
| DAY ON TEST | | 0 | 0 | females
(cont...) | | |
| | | 6 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 4 | 5 | 7 | 7 | | 7 | |
| | | 6 | 2 | 2 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 4 | 2 | 2 | | 2 | |
| | | 7 | 7 | 9 | 9 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 8 | 8 | 8 | 8 | 9 | 4 | 9 | 8 | | 7 | 8 |
| B6C3F1 MICE FEMALE
0.5 G/KG | | ANIMAL ID | | 0 | | |
| | | | | 0 | 0 | |
| | | | | 3 | 3 | 3 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 |

ALIMENTARY SYSTEM

| |
|-------------------------------|
| Esophagus | + |
| Carcinoma, Metastatic, Uterus | |
| Gallbladder | + |
| Intestine Large, Cecum | + |
| Intestine Large, Colon | + |
| Intestine Large, Rectum | + |
| Intestine Small, Duodenum | + |
| Intestine Small, Ileum | + |
| Intestine Small, Jejunum | + |
| Sarcoma, Metastatic, Skin |
| Liver | + |
| Carcinoma, Metastatic, Uterus | |
| Hemangiosarcoma | X |
| Hepatocellular Adenoma | | | | | | | | | | | X | | | | | | | | | | | | | | X |

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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| | | | |
|--------------------------------|-------------|---|----------------------|
| B6C3F1 MICE FEMALE
0.5 G/KG | DAY ON TEST | 0 | 0 | | |
| | | 6 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 4 | 5 | 7 | 7 | 7 | | |
| | | 6 | 2 | 2 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 4 | 2 | 2 | 2 | | |
| | | 7 | 7 | 9 | 9 | 4 | 7 | 7 | 7 | 7 | 9 | 8 | 7 | 7 | 7 | 5 | 7 | 8 | 8 | 8 | 9 | 4 | 9 | 8 | 7 | 8 | |
| | | | |
| B6C3F1 MICE FEMALE
0.5 G/KG | ANIMAL ID | 0 | 0 | | |
| | | 0 | 0 | | |
| | | 3 | 3 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | | |
| | | 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 | females
(cont...) |
| Hepatocellular Carcinoma | | | |
| Histiocytic Sarcoma | | X | |
| Lymphoma Malignant | | | |
| Mesentery | | + | |
| Histiocytic Sarcoma | | X | |
| Lymphoma Malignant | | | |
| Pancreas | | + | |
| Histiocytic Sarcoma | | X | |
| Lymphoma Malignant | | | |
| Sarcoma, Metastatic, Skin | | | |
| Duct, Lymphoma Malignant | | | |
| Salivary Glands | | + | |
| Stomach, Forestomach | | + | |
| Carcinoma, Metastatic, Uterus | | | |
| Squamous Cell Papilloma | | | |
| Stomach, Glandular | | + | |
| Tooth | | + | |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | |
|--------------------------------|-------------|----------------------|
| | DAY ON TEST | 0 | | |
| | | 6 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 4 | 5 | 7 | 7 | | 7 |
| | | 6 | 2 | 2 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 4 | 2 | 2 | | 2 |
| | | 7 | 7 | 9 | 9 | 4 | 7 | 7 | 7 | 7 | 9 | 8 | 7 | 7 | 7 | 5 | 7 | 8 | 8 | 8 | 9 | 4 | 9 | 8 | | 7 |
| B6C3F1 MICE FEMALE
0.5 G/KG | ANIMAL ID | 0 | females
(cont...) |
| | | 0 | |
| | | 3 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | |

CARDIOVASCULAR SYSTEM

| |
|-------------------------------|
| Blood Vessel |
| Heart | + |
| Carcinoma, Metastatic, Uterus | |
| Hemangioma |

ENDOCRINE SYSTEM

| |
|------------------------|
| Adrenal Cortex | + | |
| Histiocytic Sarcoma |
| Lymphoma Malignant |
| Adrenal Medulla | + | |
| Histiocytic Sarcoma |
| Lymphoma Malignant |
| Islets, Pancreatic | + | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + | + | M | M | + |
| Pituitary Gland | + |
| Pars Distalis, Adenoma | |

* .. 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

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

| |
|--------------------------|
| Thyroid Gland | + |
| Follicular Cell, Adenoma | |

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

| |
|-------------------------------|
| Clitoral Gland | + |
| Histiocytic Sarcoma |
| Ovary | + |
| Carcinoma, Metastatic, Uterus | |
| Histiocytic Sarcoma |
| Luteoma | | | | | | | | | | | X | | | | | | | | | | | | | | |
| Lymphoma Malignant |
| Oviduct | + | |
| Histiocytic Sarcoma | X | |
| Uterus | + |
| Histiocytic Sarcoma | X | |
| Polyp Stromal | X |

* .. 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

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First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | | |
|--------------------------------|-----------|----------------------|----------------------|
| DAY ON TEST | | 0 | females
(cont...) | |
| | | 6 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 4 | 5 | 7 | | 7 |
| | | 6 | 2 | 2 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 4 | 2 | | 2 |
| | | 7 | 7 | 9 | 9 | 4 | 7 | 7 | 7 | 7 | 7 | 9 | 8 | 7 | 7 | 7 | 5 | 7 | 8 | 8 | 8 | 9 | 4 | 9 | | 8 |
| | | | |
| B6C3F1 MICE FEMALE
0.5 G/KG | ANIMAL ID | 0 | | females
(cont...) |
| | | 0 | | |
| | | 3 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | | 4 |

Endometrium, Carcinoma

HEMATOPOIETIC SYSTEM

| | |
|---|---|
| Bone Marrow | + |
| Histiocytic Sarcoma | X | |
| Lymph Node | | | | | + | | | | | | | | | | | + | + | | | | | | | | |
| Axillary, Lymphoma Malignant |
| Inguinal, Histiocytic Sarcoma |
| Inguinal, Lymphoma Malignant | | | | | X | |
| Lumbar, Lymphoma Malignant |
| Mediastinal, Carcinoma, Metastatic, Uterus | |
| Mediastinal, Fibrosarcoma, Metastatic, Skin | | | | | | | | | | | | | | | X | | | | | | | | | | |
| Mediastinal, Lymphoma Malignant |
| Pancreatic, Carcinoma, Metastatic, Uterus |
| Renal, Lymphoma Malignant |
| Lymph Node, Mandibular | + |
| Histiocytic Sarcoma |
| Lymphoma Malignant | | | | | X | |

* .. 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

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Lab: BAT

| | | | |
|--------------------------------|-----------|-------------|----------------------|
| B6C3F1 MICE FEMALE
0.5 G/KG | ANIMAL ID | DAY ON TEST | | females
(cont...) |
| | | 0 | 0 | | | |
| | | 6 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 4 | 5 | 7 | 7 | 7 | | |
| | | 6 | 2 | 2 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 4 | 2 | 2 | 2 | | |
| | | 7 | 7 | 9 | 9 | 4 | 7 | 7 | 7 | 7 | 9 | 8 | 7 | 7 | 7 | 5 | 7 | 8 | 8 | 8 | 9 | 4 | 9 | 8 | 7 | 8 | |
| | | | |
| B6C3F1 MICE FEMALE
0.5 G/KG | ANIMAL ID | 0 | 0 | | |
| | | 0 | 0 | | |
| | | 3 | 3 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | | |
| | | 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 | |

Lymph Node, Mesenteric
Histiocytic Sarcoma
Lymphoma Malignant

+ + + + + M +
X

Spleen
Histiocytic Sarcoma
Lymphoma Malignant

+
X

Thymus
Hemangioma
Histiocytic Sarcoma
Lymphoma Malignant

M + I + + +

INTEGUMENTARY SYSTEM

Mammary Gland
Histiocytic Sarcoma

+ +

Skin
Histiocytic Sarcoma
Lymphoma Malignant
Subcutaneous Tissue, Fibrosarcoma
Subcutaneous Tissue, Histiocytic

+
X
X
X

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue
M .. Missing tissue
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Lab: BAT

| | | |
|--------------------------------|--|-------------------|
| DAY ON TEST | | 0 | 0 | | |
| | | 6 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 4 | 5 | 7 | 7 | 7 | |
| | | 6 | 2 | 2 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 4 | 2 | 2 | 2 | |
| | | 7 | 7 | 9 | 9 | 4 | 7 | 7 | 7 | 7 | 7 | 9 | 8 | 7 | 7 | 5 | 7 | 8 | 8 | 8 | 9 | 4 | 9 | 8 | 7 | |
| B6C3F1 MICE FEMALE
0.5 G/KG | | ANIMAL ID | | 0 | | |
| | | | | 0 | |
| | | | | 3 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
| | | females (cont...) | |

Sarcoma
Subcutaneous Tissue, Sarcoma

MUSCULOSKELETAL SYSTEM

Bone +

NERVOUS SYSTEM

Brain +

RESPIRATORY SYSTEM

Lung +
Alveolar/Bronchiolar Adenoma X X X X X
Alveolar/Bronchiolar Carcinoma
Carcinoma, Metastatic, Uterus
Fibrosarcoma, Metastatic, Skin X
Hepatocellular Carcinoma, Metastatic, Liver
Histiocytic Sarcoma X
Lymphoma Malignant
Mediastinum, Fibrosarcoma, Metastatic, X

* .. 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
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| | | |
|--------------------------------|-------------|----------------------|
| | DAY ON TEST | 0 | | |
| | | 6 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 4 | 5 | 7 | 7 | | 7 |
| | | 6 | 2 | 2 | 2 | 9 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 0 | 4 | 2 | 2 | | 2 |
| | | 7 | 7 | 9 | 9 | 4 | 7 | 7 | 7 | 7 | 9 | 8 | 7 | 7 | 7 | 5 | 7 | 8 | 8 | 8 | 9 | 4 | 9 | 8 | | 7 |
| B6C3F1 MICE FEMALE
0.5 G/KG | ANIMAL ID | 0 | females
(cont...) |
| | | 0 | |
| | | 3 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | |

| |
|---------|
| Skin |
| Nose | + |
| Trachea | + |

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

| |
|-------------------------------|
| Kidney | + |
| Carcinoma, Metastatic, Uterus | |
| Histiocytic Sarcoma |
| Lymphoma Malignant |

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

+ .. Tissue examined microscopically

x .. Lesion present

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Lab: BAT

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

Ureter
Lymphoma Malignant

Urinary Bladder
Carcinoma, Metastatic, Uterus
Lymphoma Malignant

+ +

SYSTEMIC LESIONS

Multiple Organ
Histiocytic Sarcoma
Lymphoma Malignant

+ +

X

X

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

+ .. Tissue examined microscopically

x .. Lesion present

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 Lab: BAT

| B6C3F1 MICE FEMALE
0.5 G/KG | | DAY ON TEST | |
|--------------------------------|--|-------------|
| | | 0 | 0 | |
| | | 7 | 7 | 4 | 7 | 7 | 4 | 7 | 5 | 4 | 7 | 2 | 6 | 7 | 7 | 7 | 4 | 7 | 4 | 6 | 7 | 7 | 7 | 7 | 7 | 6 |
| | | 2 | 2 | 7 | 2 | 2 | 3 | 2 | 6 | 9 | 2 | 9 | 7 | 2 | 2 | 2 | 8 | 2 | 3 | 4 | 2 | 2 | 2 | 2 | 2 | 1 |
| ANIMAL ID | | 7 | 7 | 1 | 7 | 7 | 7 | 8 | 6 | 2 | 8 | 6 | 4 | 8 | 7 | 8 | 8 | 7 | 8 | 0 | 8 | 7 | 7 | 8 | 8 | 9 |
| | | |
| | | 0 | 0 |
| | | 0 | 0 |
| | | 3 | 3 |
| 0.5 G/KG | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 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 | |
| | | * TOTALS |

ALIMENTARY SYSTEM

| | |
|-------------------------------|----|
| Esophagus | + | 50 |
| Carcinoma, Metastatic, Uterus | | | | X | | 1 |
| Gallbladder | + | 50 |
| Intestine Large, Cecum | + | 50 |
| Intestine Large, Colon | + | 50 |
| Intestine Large, Rectum | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | A | + | + | + | + | + | + | 47 |
| Intestine Small, Ileum | + | 50 |
| Intestine Small, Jejunum | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Sarcoma, Metastatic, Skin | | | | | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Liver | + | 50 |
| Carcinoma, Metastatic, Uterus | | | | X | | 1 |
| Hemangiosarcoma | 1 |
| Hepatocellular Adenoma | | | | | | | X | | | | | | | | | X | | | | | X | | X | | | 6 |

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

M .. Missing tissue
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Lab: BAT

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

CARDIOVASCULAR SYSTEM

| | |
|-------------------------------|----|
| Blood Vessel | 2 |
| Heart | + | 50 |
| Carcinoma, Metastatic, Uterus | | | X | | 1 |
| Hemangioma | | | | | | | | | | | | X | | | | | | | | | | | | | 1 |

ENDOCRINE SYSTEM

| | |
|------------------------|----|
| Adrenal Cortex | + | 50 |
| Histiocytic Sarcoma | X | | | | 1 |
| Lymphoma Malignant | X | | 1 |
| Adrenal Medulla | + | 50 |
| Histiocytic Sarcoma | X | | | | 1 |
| Lymphoma Malignant | X | | 1 |
| Islets, Pancreatic | + | 50 |
| Parathyroid Gland | + | + | + | + | + | M | M | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | 43 |
| Pituitary Gland | + | 50 |
| Pars Distalis, Adenoma | | | | | | | | | | | | | X | | | | | | | | | | | | 1 |

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

+ .. Tissue examined microscopically

x .. Lesion present

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

| | |
|--------------------------|----|
| Thyroid Gland | + | 50 |
| Follicular Cell, Adenoma | | X | 1 |

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

| | | |
|-------------------------------|----|----|
| Clitoral Gland | + | 50 | |
| Histiocytic Sarcoma | X | | | 1 |
| Ovary | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Carcinoma, Metastatic, Uterus | | | X | | 1 |
| Histiocytic Sarcoma | X | | | 1 |
| Luteoma | | 1 |
| Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | | | 1 |
| Oviduct | | 1 |
| Histiocytic Sarcoma | | 1 |
| Uterus | + | 50 |
| Histiocytic Sarcoma | | 1 |
| Polyp Stromal | | 1 |

* .. 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

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beta-Myrcene

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 Lab: BAT

| B6C3F1 MICE FEMALE
0.5 G/KG | | DAY ON TEST | 0
7
2
7 | 0
7
2
7 | 0
4
7
1 | 0
7
2
7 | 0
7
2
7 | 0
4
3
7 | 0
7
2
8 | 0
5
6
6 | 0
4
9
2 | 0
7
2
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| | | ANIMAL ID | 0
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| | | * TOTALS | | |
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| | | |
|------------------------|---|---|
| Endometrium, Carcinoma | X | 1 |
|------------------------|---|---|

HEMATOPOIETIC SYSTEM

| | |
|---|----|
| Bone Marrow | + | 49 |
| Histiocytic Sarcoma | X | | | | | 2 |
| Lymph Node | | | + | | | | | | | | | | + | | | | | | | | + | | | + | | 7 |
| Axillary, Lymphoma Malignant | | | | | | | | | | | | | X | | | | | | | | | | | | | 1 |
| Inguinal, Histiocytic Sarcoma | X | | | | | 1 |
| Inguinal, Lymphoma Malignant | 1 |
| Lumbar, Lymphoma Malignant | | | | | | | | | | | | | | X | | | | | | | | | | | | 1 |
| Mediastinal, Carcinoma, Metastatic, Uterus | | | | X | | 1 |
| Mediastinal, Fibrosarcoma, Metastatic, Skin | | 1 |
| Mediastinal, Lymphoma Malignant | | | | | | | | | | | | | | X | | | | | | | | | | X | | 2 |
| Pancreatic, Carcinoma, Metastatic, Uterus | | | | X | | 1 |
| Renal, Lymphoma Malignant | | | | | | | | | | | | | | X | | | | | | | | | | X | | 2 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Histiocytic Sarcoma | X | | | 1 |
| Lymphoma Malignant | | | | | | | | | | | | | X | | | | | | | | | | | | | 2 |

* .. 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. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

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

| | |
|------------------------|----|
| Lymph Node, Mesenteric | + | + | + | + | + | M | + | + | + | + | M | + | + | + | + | M | + | I | M | + | + | + | + | + | + | 44 |
| Histiocytic Sarcoma | 1 |
| Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | X | | 2 |
| Spleen | + | 50 |
| Histiocytic Sarcoma | X | | | 2 |
| Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | X | | 2 |
| Thymus | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Hemangioma | X | | 1 |
| Histiocytic Sarcoma | X | | | 1 |
| Lymphoma Malignant | X | | 1 |

INTEGUMENTARY SYSTEM

| | |
|-----------------------------------|----|
| Mammary Gland | + | 50 |
| Histiocytic Sarcoma | X | | | 1 |
| Skin | + | 50 |
| Histiocytic Sarcoma | 1 |
| Lymphoma Malignant | 1 |
| Subcutaneous Tissue, Fibrosarcoma | | 1 |
| Subcutaneous Tissue, Histiocytic | X | | | 1 |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 07/26/2007
Time Report Requested: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | |
|--------------------|-------------|----------|
| | DAY ON TEST | 0 | |
| | | 7 | 7 | 4 | 7 | 7 | 4 | 7 | 5 | 4 | 7 | 2 | 6 | 7 | 7 | 7 | 4 | 7 | 4 | 6 | 7 | 7 | 7 | 7 | 6 |
| | | 2 | 2 | 7 | 2 | 2 | 3 | 2 | 6 | 9 | 2 | 9 | 7 | 2 | 2 | 2 | 8 | 2 | 3 | 4 | 2 | 2 | 2 | 2 | 1 |
| | | 7 | 7 | 1 | 7 | 7 | 7 | 8 | 6 | 2 | 8 | 6 | 4 | 8 | 7 | 8 | 8 | 7 | 8 | 0 | 8 | 7 | 8 | 8 | 9 |
| B6C3F1 MICE FEMALE | ANIMAL ID | 0 |
| | | 0 |
| | | 3 |
| | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 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 |
| 0.5 G/KG | | * TOTALS |

| | | |
|---------|--|----|
| Skin | | |
| Nose | | + | 50 |
| Trachea | | + | 50 |

SPECIAL SENSES SYSTEM

| | | |
|--------------------|----|---|
| Ear | | 1 |
| Eye | + | 50 | |
| Harderian Gland | + | 50 | |
| Adenoma | X | | 5 | | |
| Carcinoma | 1 | | |
| Lymphoma Malignant | | X | 1 | | |

URINARY SYSTEM

| | |
|-------------------------------|----|
| Kidney | + | 50 |
| Carcinoma, Metastatic, Uterus | | | X | | 1 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | X | | | | | 1 |
| Lymphoma Malignant | | | | | | | | | | | X | | | | | | | | | | | | | 1 |

* .. 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. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 beta-Myrcene
 CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

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

| | | |
|-------------------------------|--|----|
| Ureter | | 1 |
| Lymphoma Malignant | | 1 |
| Urinary Bladder | | + | 50 |
| Carcinoma, Metastatic, Uterus | | 1 |
| Lymphoma Malignant | | 1 |

SYSTEMIC LESIONS

| | | |
|---------------------|--|----|
| Multiple Organ | | + | 50 |
| Histiocytic Sarcoma | | 2 |
| Lymphoma Malignant | | 3 |

* .. 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. 99023 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 07/26/2007
 Time Report Requested: 09:29:40
 First Dose M/F: 04/11/02 / 04/10/02
 Lab: BAT

| | | |
|--------------------------------|-------------|----------------------|
| B6C3F1 MICE FEMALE
1.0 G/KG | DAY ON TEST | 0
7
2
7 | 0
6
7
3 | 0
7
2
7 | 0
7
2
8 | 0
7
2
9 | 0
7
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7 | 0
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9 | 0
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7 | 0
5
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8 | 0
7
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8 | 0
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9 | 0
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9 | 0
4
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8 | 0
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5 | 0
7
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6 | 0
4
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5 | 0
3
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0 | females
(cont...) |
| | ANIMAL ID | 0
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7
4 | |

females
(cont...)

ALIMENTARY SYSTEM

| |
|---------------------------|
| Esophagus | + |
| Gallbladder | + |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A |
| Intestine Large, Colon | + | A | + | + |
| Intestine Large, Rectum | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A |
| Intestine Small, Ileum | + | + | + | + | + | + | + | A | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | A |
| Liver | + |
| Hepatocellular Adenoma | | | X | | | X | | | | X | | | | | | | X | X | | | | | | |
| Hepatocellular Carcinoma | X | | |
| Histiocytic Sarcoma | X | |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | A |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| B6C3F1 MICE FEMALE
1.0 G/KG | | DAY ON TEST | | females
(cont...) |
|--------------------------------|--|-------------|----------------------|
| | | 0 | 0 | |
| | | 7 | 6 | 7 | 7 | 7 | 7 | 3 | 7 | 5 | 7 | 7 | 4 | 4 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 4 | 7 | 7 | 4 | 3 | |
| | | 2 | 7 | 2 | 2 | 2 | 2 | 8 | 2 | 3 | 2 | 2 | 0 | 0 | 2 | 2 | 2 | 5 | 2 | 2 | 5 | 6 | 2 | 1 | 6 | 7 | |
| | | 7 | 3 | 7 | 8 | 9 | 7 | 9 | 7 | 8 | 8 | 9 | 2 | 4 | 8 | 7 | 9 | 6 | 8 | 7 | 9 | 8 | 8 | 5 | 6 | 0 | |
| | | | |
| | | 0 | 0 | |
| | | 0 | 0 | |
| | | 3 | 3 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 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 | |
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TDMS No. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | |
|--------------------------------|-------------|-------------------|
| | DAY ON TEST | 0 | 0 | |
| | | 7 | 6 | 7 | 7 | 7 | 7 | 3 | 7 | 5 | 7 | 7 | 4 | 4 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 4 | 7 | 7 | 4 | 3 |
| | | 2 | 7 | 2 | 2 | 2 | 2 | 8 | 2 | 3 | 2 | 2 | 0 | 0 | 2 | 2 | 2 | 5 | 2 | 2 | 5 | 6 | 2 | 1 | 6 | 7 |
| | | 7 | 3 | 7 | 8 | 9 | 7 | 9 | 7 | 8 | 8 | 9 | 2 | 4 | 8 | 7 | 9 | 6 | 8 | 7 | 9 | 8 | 8 | 5 | 6 | 0 |
| B6C3F1 MICE FEMALE
1.0 G/KG | ANIMAL ID | 0 | 0 | |
| | | 0 | 0 | |
| | | 3 | 3 | |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 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 |
| | | females (cont...) | |

| |
|---------------|
| Thyroid Gland | + |
|---------------|

GENERAL BODY SYSTEM

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

GENITAL SYSTEM

| |
|------------------------------|
| Clitoral Gland | + |
| Ovary | + | M | + | + | + |
| Granulosa-Theca Tumor Benign | | | | | | | | | | | | | | X | | | | | | | | | | | |
| Uterus | + |
| Polyp Stromal | | | | | | | | | | X | | | | | | | | | | | | | | | |

HEMATOPOIETIC SYSTEM

| |
|------------------------|
| Bone Marrow | + |
| Histiocytic Sarcoma | X | |
| Lymph Node, Mandibular | + |
| Lymph Node, Mesenteric | + | + | + | + | + | M | + | + | + | + | + | M | A | + | + | + | + | + | + | + | + | + | + | + | A |

* .. 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. 99023 - 04
Test Type: CHRONIC
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P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | | | |
|-----------------------------------|---------------------|----------------------|-----------------------|-----------------------|
| B6C3F1 MICE FEMALE
1.0 G/KG | DAY ON TEST | 0
7
2
7 | 0
6
7
3 | 0
7
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7 | 0
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5 | 0
7
4
6 | 0
3
7
0 | females
(cont...) | | |
| | ANIMAL ID | 0
0
3
5
1 | 0
0
3
5
2 | 0
0
3
5
3 | 0
0
3
5
4 | 0
0
3
5
5 | 0
0
3
5
6 | 0
0
3
5
7 | 0
0
3
5
8 | 0
0
3
5
9 | 0
0
3
5
0 | 0
0
3
6
1 | 0
0
3
6
2 | 0
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3
6
3 | 0
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3
6
4 | 0
0
3
6
5 | 0
0
3
6
6 | 0
0
3
6
7 | 0
0
3
6
8 | 0
0
3
7
9 | 0
0
3
7
0 | 0
0
3
7
1 | 0
0
3
7
2 | 0
0
3
7
3 | | 0
0
3
7
4 | 0
0
3
7
5 |
| | Histiocytic Sarcoma | | X | | | |
| | Lymphoma Malignant | X | | | |
| | Spleen | + | | + | + |
| Histiocytic Sarcoma | | | X | | | |
| Lymphoma Malignant | X | | | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | M | | |
| INTEGUMENTARY SYSTEM | | | | |
| Mammary Gland | + | + | | |
| Skin | + | + | | | |
| Subcutaneous Tissue, Fibrosarcoma | | | | |
| MUSCULOSKELETAL SYSTEM | | | | |
| Bone | + | + | | | |
| NERVOUS SYSTEM | | | | |
| Brain | + | + | | | |

* .. 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. 99023 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
beta-Myrcene
CAS Number: 123-35-3

Date Report Reqsted: 07/26/2007
Time Report Reqsted: 09:29:40
First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | |
|--------------------------------|-------------|-------------------|
| B6C3F1 MICE FEMALE
1.0 G/KG | DAY ON TEST | 0 | 0 | | |
| | | 7 | 6 | 7 | 7 | 7 | 7 | 3 | 7 | 5 | 7 | 7 | 4 | 4 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 4 | 7 | 7 | 4 | 3 |
| | | 2 | 7 | 2 | 2 | 2 | 2 | 8 | 2 | 3 | 2 | 2 | 0 | 0 | 2 | 2 | 2 | 5 | 2 | 2 | 5 | 6 | 2 | 1 | 6 | 7 |
| | | 7 | 3 | 7 | 8 | 9 | 7 | 9 | 7 | 8 | 8 | 9 | 2 | 4 | 8 | 7 | 9 | 6 | 8 | 7 | 9 | 8 | 8 | 5 | 6 | 0 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 3 | 3 |
| | | 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 |
| | | 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 |
| | | females (cont...) | |

RESPIRATORY SYSTEM

| | |
|--|---|
| Lung | + |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | | | X | | X | | | | | | | |
| Alveolar/Bronchiolar Adenoma, Multiple | X | |
| Histiocytic Sarcoma | X | |
| Nose | + |
| Trachea | + |

SPECIAL SENSES SYSTEM

| |
|-----------------|
| Eye | + | M | + |
| Harderian Gland | + | M | + |
| Adenoma | | X | | X | | | | | | | X | X | | | | | | | | | | | | | |

URINARY SYSTEM

| |
|---------------------|
| Kidney | + |
| Histiocytic Sarcoma | | X | |

* .. 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. 99023 - 04
Test Type: CHRONIC
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P04: NEOPLASMS BY INDIVIDUAL ANIMAL
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Lab: BAT

| B6C3F1 MICE FEMALE
1.0 G/KG | | DAY ON TEST | | females
(cont...) |
|--------------------------------|--|-------------|----------------------|
| | | 0 | 0 | |
| | | 7 | 6 | 7 | 7 | 7 | 7 | 3 | 7 | 5 | 7 | 7 | 4 | 4 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 4 | 7 | 7 | 4 | 3 | | |
| | | 2 | 7 | 2 | 2 | 2 | 2 | 8 | 2 | 3 | 2 | 2 | 0 | 0 | 2 | 2 | 2 | 5 | 2 | 2 | 5 | 6 | 2 | 1 | 6 | 7 | | |
| | | 7 | 3 | 7 | 8 | 9 | 7 | 9 | 7 | 8 | 8 | 9 | 2 | 4 | 8 | 7 | 9 | 6 | 8 | 7 | 9 | 8 | 8 | 5 | 6 | 0 | | |
| | | | |
| ANIMAL ID | | 0 | 0 | |
| | | 0 | 0 | |
| | | 3 | 3 | |
| | | 5 | 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 | |
| | | 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 | | |
| Urinary Bladder | | + | + | A | | |

SYSTEMIC LESIONS

| |
|---------------------|
| Multiple Organ | + |
| Histiocytic Sarcoma | | X | |
| Lymphoma Malignant | X | |

* .. 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. 99023 - 04
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Species/Strain: MICE/B6C3F1

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First Dose M/F: 04/11/02 / 04/10/02
Lab: BAT

| | | | |
|--------------------------------|---------------|-----------------------|----|
| B6C3F1 MICE FEMALE
1.0 G/KG | DAY ON TEST | 0
4
3
9 | 0
3
8
7 | 0
4
3
6 | 0
4
3
5 | 0
4
3
6 | 0
4
3
6 | 0
4
3
5 | 0
4
3
6 | 0
4
3
6 | 0
4
3
6 | 0
4
3
5 | 0
4
3
6 | 0
7
2
8 | 0
7
2
8 | 0
4
3
6 | 0
7
2
8 | 0
4
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5 | 0
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6 | 0
4
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5 | 0
4
3
6 | 0
4
3
5 | 0
4
3
6 | 0
4
3
6 | |
| | ANIMAL ID | 0
0
3
7
6 | 0
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7 | 0
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9 | 0
0
3
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1 | 0
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2 | 0
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3 | 0
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4 | 0
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6 | 0
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7 | 0
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2 | 0
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3 | 0
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8
4 | 0
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3
8
5 | 0
0
3
8
6 | 0
0
3
8
7 | 0
0
3
8
8 | 0
0
3
8
9 | 0
0
3
8
0 | |
| | * TOTALS | | |
| | Thyroid Gland | + | 50 |

GENERAL BODY SYSTEM

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

GENITAL SYSTEM

| | |
|------------------------------|----|
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | 49 |
| Ovary | + | 49 |
| Granulosa-Theca Tumor Benign | | 1 |
| Uterus | + | 50 |
| Polyp Stromal | 1 |

HEMATOPOIETIC SYSTEM

| | |
|------------------------|----|
| Bone Marrow | + | 50 |
| Histiocytic Sarcoma | 1 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Lymph Node, Mesenteric | + | + | + | + | + | M | + | M | + | + | + | A | + | + | + | + | + | + | + | + | M | M | A | + | M | | 39 |

* .. 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

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Lab: BAT

| | | | |
|---|--|-------------|----------|
| <div>B6C3F1 MICE FEMALE</div> <div>1.0 G/KG</div> | | DAY ON TEST | 0 | |
| | | | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 7 | 7 | 4 | 7 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | | | 3 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | | 9 | 7 | 6 | 5 | 6 | 6 | 5 | 6 | 6 | 6 | 5 | 6 | 6 | 8 | 8 | 6 | 9 | 5 | 5 | 5 | 5 | 6 | 5 | 6 | 5 | 6 |
| | | | |
| | | ANIMAL ID | 0 | |
| | | | 0 | |
| | | | 3 | 4 | |
| | | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 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 |
| Histiocytic Sarcoma | | 1 | |
| Lymphoma Malignant | | 1 | |
| Spleen | | 50 | |
| Histiocytic Sarcoma | | 1 | |
| Lymphoma Malignant | | 1 | |
| Thymus | | 48 | |
| INTEGUMENTARY SYSTEM | | | |
| Mammary Gland | | 50 | |
| Skin | | 50 | |
| Subcutaneous Tissue, Fibrosarcoma | | 1 | |
| MUSCULOSKELETAL SYSTEM | | | |
| Bone | | 50 | |
| NERVOUS SYSTEM | | | |
| Brain | | 50 | |

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

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Lab: BAT

| | | |
|--------------------------------|-------------|----------|
| | DAY ON TEST | 0 | 0 | | |
| | | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 7 | 7 | 4 | 7 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| | | 3 | 8 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 7 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | | 9 | 7 | 6 | 5 | 6 | 6 | 5 | 6 | 6 | 6 | 5 | 6 | 6 | 8 | 8 | 6 | 9 | 5 | 5 | 5 | 6 | 5 | 6 | | |
| B6C3F1 MICE FEMALE
1.0 G/KG | ANIMAL ID | 0 | 0 | | |
| | | 0 | 0 | | |
| | | 3 | 3 | 4 | | |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 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 | |

RESPIRATORY SYSTEM

| | |
|--|----|
| Lung | + | 50 |
| Alveolar/Bronchiolar Adenoma | X | | | | | | 3 |
| Alveolar/Bronchiolar Adenoma, Multiple | | | | | | | | | | | | | | X | | | | | | | | | | | | 2 |
| Histiocytic Sarcoma | 1 |
| Nose | + | 50 |
| Trachea | + | 50 |

SPECIAL SENSES SYSTEM

| | |
|-----------------|----|
| Eye | + | 49 |
| Harderian Gland | + | 49 |
| Adenoma | | | X | | 5 |

URINARY SYSTEM

| | |
|---------------------|----|
| Kidney | + | 50 |
| Histiocytic Sarcoma | | 1 |

* .. 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

