

TDMS No. 97008 - 06
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
PROPARGYL ALCOHOL
CAS Number: 107-19-7

Date Report Reqsted: 07/11/2006
Time Report Reqsted: 13:00:41
First Dose M/F: 09/17/01 / 09/17/01
Lab: BNW

F1_M3

C Number: C97008
Lock Date: 08/16/2004
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL

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B6C3F1 MICE MALE CONTROL	DAY ON TEST	7 3 0	7 3 1	7 3 1	7 2 9	6 8 8	7 3 0	7 3 0	7 2 9	7 2 9	7 3 1	7 2 9	7 2 9	7 3 0	7 2 9	7 2 9	7 3 0	4 9 3	6 4 2	7 3 0	7 2 9	7 2 9	7 3 0	5 8 2	7 2 9	7 2 9
	ANIMAL ID	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 0 9	0 0 0 0 0	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 2	0 0 0 0 1	0 0 0 0 2	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4
		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	+	I	+	+	A	+	+	+	+	M	+	+	I	+	+	+	+	+	+	+	+	+	+	I	+	+
Intestine Large, Cecum	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma																										
Liver	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																										
Hepatocellular Adenoma										X			X	X									X		X	X
Hepatocellular Adenoma, Multiple														X	X	X							X			
Hepatocellular Carcinoma													X										X	X		
Hepatocellular Carcinoma, 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

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

males
(cont...)

Histiocytic Sarcoma

X

Mesentery

+

+

+

Pancreas

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Sarcoma, Metastatic, Uncertain Primary Site

Salivary Glands

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Stomach, Forestomach

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Stomach, Glandular

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Sarcoma, Metastatic, Uncertain Primary Site

Tooth

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CARDIOVASCULAR SYSTEM

Blood Vessel

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Heart

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Sarcoma, Metastatic, Uncertain Primary Site

* .. Total animals with tissue examined microscopically; Total animals with tumor
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B6C3F1 MICE MALE CONTROL	DAY ON TEST	7 3 0	7 3 1	7 3 1	7 2 9	6 8 8	7 3 0	7 3 0	7 2 9	7 2 9	7 3 1	7 2 9	7 2 9	7 3 0	7 2 9	7 3 0	4 9 3	6 4 2	7 3 0	7 2 9	7 2 9	7 3 0	5 8 2	7 2 9	7 2 9	males (cont...)
	ANIMAL ID	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 0 9	0 0 0 0 0	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 2	0 0 0 0 2	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5		

males
(cont...)

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Uncertain Primary Site																									
Capsule, Adenoma																									
Adrenal Medulla	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma					X																				
Parathyroid Gland	+	M	M	+	A	+	M	+	+	+	M	+	M	+	I	+	+	+	+	+	+	M	M	M	+
Pituitary Gland	+	+	+	M	I	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

GENERAL BODY SYSTEM

Peritoneum																									
Sarcoma, Metastatic, Uncertain Primary Site																									

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	ANIMAL ID	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 0 9	0 0 0 0 0	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 1	0 0 0 0 2	0 0 0 0 1	0 0 0 0 2	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	

males
(cont...)

GENITAL SYSTEM

Epididymis

+ +

Preputial Gland

+ +

Prostate

+ +

Seminal Vesicle

+ + + + A +

Sarcoma, Metastatic, Uncertain Primary
Site

Testes

+ +

HEMATOPOIETIC SYSTEM

Bone Marrow

+ +

Lymph Node

Lymphoma Malignant

Iliac, Lymphoma Malignant

Renal, Lymphoma Malignant

Lymph Node, Bronchial

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

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

Lymph Node, Mandibular
Carcinoma, Metastatic, Harderian Gland
Lymphoma Malignant

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

Lymph Node, Mediastinal
Lymphoma Malignant

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

Lymph Node, Mesenteric
Lymphoma Malignant
Sarcoma, Metastatic, Uncertain Primary
Site

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

Spleen
Hemangiosarcoma
Lymphoma Malignant

+ + + + A + + + + + + + + + + + + + + + + + +
X

Thymus
Lymphoma Malignant

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

INTEGUMENTARY SYSTEM

Mammary Gland

M M

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| | | |
|-----------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
CONTROL | DAY ON TEST | 7
3
0 | 7
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1 | 7
3
1 | 7
2
9 | 6
8
8 | 7
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0 | 7
3
0 | 7
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9 | 7
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9 | 7
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0 | 7
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9 | 7
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0 | 4
9
3 | 6
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2 | 7
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males
(cont...)

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|--|---|
| Skin | + |
| Subcutaneous Tissue, Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | X | | | | | | | |

MUSCULOSKELETAL SYSTEM

| | |
|---|---|
| Bone | + |
| Osteosarcoma |
| Skeletal Muscle |
| Sarcoma, Metastatic, Uncertain Primary Site | |

NERVOUS SYSTEM

| | |
|--|---|
| Brain | + |
| Carcinoma, Metastatic, Harderian Gland | |

RESPIRATORY SYSTEM

| |
|------------------------------|
| Larynx | + | + | + | + | A | + |
| Lung | + |
| Alveolar/Bronchiolar Adenoma | X | | | | X | | | | | | X | X | | X | | | | | | | | | | | |

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| | | |
|-----------------------------|--------------------|-----------------------|
| B6C3F1 MICE MALE
CONTROL | DAY ON TEST | 7
3
0 | 7
3
1 | 7
3
1 | 7
2
9 | 6
8
8 | 7
3
0 | 7
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0 | 7
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Sarcoma, Metastatic, Uncertain Primary
Site

Urinary Bladder

SYSTEMIC LESIONS

Multiple Organ
Histiocytic Sarcoma
Lymphoma Malignant

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|-----------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
CONTROL | DAY ON TEST | 4
4
0 | 7
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9 | 7
2
9 | 6
3
9 | 7
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ALIMENTARY SYSTEM

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|------------------------------------|----|
| Esophagus | + | 50 |
| Gallbladder | A | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | M | + | + | M | + | + | + | M | 40 |
| Intestine Large, Cecum | + | 49 |
| Intestine Large, Colon | + | 49 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Duodenum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Small, Ileum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Small, Jejunum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Carcinoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | 1 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Hemangiosarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Hepatocellular Adenoma | X | | | | | X | | | | | | | | | | X | | | X | | | | | | | 10 |
| Hepatocellular Adenoma, Multiple | | | | X | | | X | X | X | | | | X | | | | | X | | X | | | | | | 11 |
| Hepatocellular Carcinoma | X | | | X | | X | | | | | X | | | X | | | | | | | X | | | | | 9 |
| Hepatocellular Carcinoma, Multiple |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Reqsted: 07/11/2006

Time Report Reqsted: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | | |
|-----------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
CONTROL | DAY ON TEST | 4
4
0 | 7
3
0 | 7
3
0 | 5
5
0 | 7
2
9 | 7
2
9 | 6
3
9 | 7
3
0 | 7
2
9 | 7
3
0 | 7
3
0 | 7
3
1 | 7
2
9 | 6
7
7 | 7
2
9 | 5
8
3 | 7
3
1 | 7
3
0 | 7
3
1 | 7
2
9 | 6
3
9 | 5
9
3 | 7
1
1 | 7
3
0 | 5
0
9 |
| | | |
| | ANIMAL ID | 0
0
0
2
6 | 0
0
0
2
7 | 0
0
0
2
8 | 0
0
0
2
9 | 0
0
0
3
0 | 0
0
0
3
1 | 0
0
0
3
2 | 0
0
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3
3 | 0
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1 | 0
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2 | 0
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Histiocytic Sarcoma

1

Mesentery

3

Pancreas

49

Sarcoma, Metastatic, Uncertain Primary Site

X

1

Salivary Glands

50

Stomach, Forestomach

50

Stomach, Glandular

49

Sarcoma, Metastatic, Uncertain Primary Site

X

1

Tooth

+

3

CARDIOVASCULAR SYSTEM

Blood Vessel

1

Heart

50

Sarcoma, Metastatic, Uncertain Primary Site

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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Reqsted: 07/11/2006

Time Report Reqsted: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

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

ENDOCRINE SYSTEM

| | |
|---|----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Sarcoma, Metastatic, Uncertain Primary Site | | | | | | | | | | | | | | | X | | | | | | | | | | | 1 |
| Capsule, Adenoma | | | | | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Adrenal Medulla | + | + | + | + | + | + | + | I | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Adenoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Parathyroid Gland | + | M | + | + | M | M | + | + | M | M | + | + | M | + | + | M | + | + | M | + | M | + | + | M | M | 29 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |

GENERAL BODY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|---|
| Peritoneum | | | | | | | | | | | | | | | | + | | | | | | | | | | 1 |
| Sarcoma, Metastatic, Uncertain Primary Site | | | | | | | | | | | | | | | | 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | | |
|-----------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
CONTROL | DAY ON TEST | 4
4
0 | 7
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0 | 7
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0 | 5
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9 | 7
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9 | 6
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| | ANIMAL ID | 0
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| * TOTALS | | |

GENITAL SYSTEM

| | |
|---|----|
| Epididymis | + | 50 |
| Preputial Gland | + | 50 |
| Prostate | + | 50 |
| Seminal Vesicle | A | + | 48 |
| Sarcoma, Metastatic, Uncertain Primary Site | | | | | | | | | | | | | | X | | | | | | | | | | | | 1 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

HEMATOPOIETIC SYSTEM

| | |
|--|----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymph Node | | | | | | | | | | | | + | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | | | 1 |
| Iliac, Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | | | 1 |
| Renal, Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | | | 1 |
| Lymph Node, Bronchial | M | + | M | + | + | + | + | + | + | + | M | + | + | + | M | + | M | + | M | + | M | M | + | M | + | 37 |
| Sarcoma, Metastatic, Uncertain Primary | | | | | | | | | | | | | | | 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

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

| Site | | |
|---|--|----|
| Lymph Node, Mandibular | | + | + | + | + | + | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | 32 |
| Carcinoma, Metastatic, Harderian Gland |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | 1 |
| Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | | | 1 |
| Lymph Node, Mediastinal | | M | + | + | M | + | + | M | + | + | + | + | M | M | M | + | + | M | + | + | + | + | + | M | + | 39 |
| Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | | | 1 |
| Lymph Node, Mesenteric |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | | | 1 |
| Sarcoma, Metastatic, Uncertain Primary Site | | | | | | | | | | | | | | | X | | | | | | | | | | | 1 |
| Spleen |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Hemangiosarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | | | 1 |
| Thymus | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | M | + | + | + | + | 47 |
| Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | | | 1 |

INTEGUMENTARY SYSTEM

| | | |
|---------------|--|---|
| Mammary Gland | | M | 0 |
|---------------|--|---|

* .. 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: BNW

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

Sarcoma, Metastatic, Uncertain Primary Site

X

1

Urinary Bladder

+ +

49

SYSTEMIC LESIONS

Multiple Organ

+ +

50

Histiocytic Sarcoma

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

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Lab: BNW

| | | |
|---------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
8 PPM | DAY ON TEST | 7
2
9 | 7
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0 | 7
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9 | 7
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0 | 7
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| | ANIMAL ID | 0
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4 | 0
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2
2
5 |
| | | |
| | | |
| | | | males
(cont...) |

ALIMENTARY SYSTEM

| |
|------------------------------------|
| Esophagus | + |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | I | I | + | + | + | + | I | + | M | + | + | M | + | + |
| Intestine Large, Cecum | + |
| Intestine Large, Colon | + |
| Intestine Large, Rectum | + |
| Intestine Small, Duodenum | + |
| Intestine Small, Ileum | + |
| Intestine Small, Jejunum | + |
| Carcinoma | | | | X | |
| Liver | + |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | X | | | | | |
| Hepatocellular Adenoma | | | X | X | | X | | | | | X | | X | | X | | | | X | | | | | |
| Hepatocellular Adenoma, Multiple | | | | | | X | | X | | | | | | | | | | X | | | X | | X | |
| Hepatocellular Carcinoma | X | | | | X | X | | X | | | | | | | | | | | | | | | | |
| Hepatocellular Carcinoma, Multiple | | | | | | | | | | | | | | | | | | | | 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

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

Lymphoma Malignant

Mesentery

Pancreas

Lymphoma Malignant

Salivary Glands

Stomach, Forestomach

Mast Cell Tumor Malignant, Metastatic,
Uncertain Primary Site

Sarcoma

Stomach, Glandular

Sarcoma

Tooth

CARDIOVASCULAR SYSTEM

Heart

ENDOCRINE 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

| | | |
|----------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
8 PPM | DAY ON TEST | 7
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| | | |
| | | | males
(cont...) |
| Adrenal Cortex | | + |
| Histiocytic Sarcoma | | |
| Lymphoma Malignant | | |
| Subcapsular, Adenoma | | | | X | | | | | | | | | | | | | | X | | | | | | |
| Adrenal Medulla | | + |
| Pheochromocytoma Malignant | | |
| Islets, Pancreatic | | + |
| Parathyroid Gland | | + | + | + | + | + | M | M | M | + | + | M | M | + | + | + | M | + | + | + | M | + | M | M |
| Pituitary Gland | | + |
| Histiocytic Sarcoma | | |
| Thyroid Gland | | + |
| C-cell, Carcinoma | | | X | |

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

| |
|---------------------|
| Epididymis | + |
| Histiocytic Sarcoma | |

* .. 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

| | | | |
|---------------------------|-------------|--------------------|-----------------------|
| B6C3F1 MICE MALE
8 PPM | DAY ON TEST | 7
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5 |

Penis

+

Preputial Gland

+ +

Hemangioma

X

Prostate

+ +

Seminal Vesicle

+ +

Testes

+ +

Interstitial Cell, Adenoma

X

HEMATOPOIETIC SYSTEM

Bone Marrow

+ +

Histiocytic Sarcoma

Mast Cell Tumor Malignant, Metastatic,
Uncertain Primary Site

Lymph Node

Iliac, Lymphoma Malignant

Renal, Lymphoma Malignant

Lymph Node, Bronchial

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

| | | | |
|---------------------------|-------------|--------------------|-----------------------|
| B6C3F1 MICE MALE
8 PPM | DAY ON TEST | 7
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| | |
|--|---|
| Lymphoma Malignant | |
| Lymph Node, Mandibular
Lymphoma Malignant
Mast Cell Tumor Malignant, Metastatic,
Uncertain Primary Site | M | + | I | + | + | M | + | + | + | + | M | M | + | M | M | + | M | + | + | + | M | + | + | + | + |
| Lymph Node, Mediastinal
Lymphoma Malignant | + | + | M | + | + | M | + | + | M | M | + | M | + | + | + | + | + | + | + | M | + | M | + | + | + |
| Lymph Node, Mesenteric
Lymphoma Malignant | + |
| Spleen
Histiocytic Sarcoma
Lymphoma Malignant | + |
| Thymus
Lymphoma Malignant | + | M | + | + | + |

INTEGUMENTARY SYSTEM

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

* .. 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Reqsted: 07/11/2006

Time Report Reqsted: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | | |
|---------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
8 PPM | DAY ON TEST | 7
3
0 | 7
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| | ANIMAL ID | 0
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| | | |
| * TOTALS | | |

ALIMENTARY SYSTEM

| | |
|------------------------------------|----|
| Esophagus | + | 50 |
| Gallbladder | + | + | I | + | + | + | + | M | + | + | + | I | + | + | + | + | I | + | + | + | + | + | + | 41 |
| Intestine Large, Cecum | + | 50 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Carcinoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | 2 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hemangiosarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Hepatocellular Adenoma | X | | | | | X | | | | | | | X | | | | | | X | | | | X | 14 |
| Hepatocellular Adenoma, Multiple | | | X | | | | X | | | X | X | | | | | | | | | X | | | | 10 |
| Hepatocellular Carcinoma | | X | | | | | | X | | | | | | | X | X | | | | | | | | 8 |
| Hepatocellular Carcinoma, Multiple |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 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. 97008 - 06

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Species/Strain: MICE/B6C3F1

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| B6C3F1 MICE MALE
8 PPM | DAY ON TEST | 7
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| | ANIMAL ID | 0
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| | * TOTALS | |
| Lymphoma Malignant | X1 | |
| Mesentery | 3 | |
| Pancreas | + 50 | |
| Lymphoma Malignant | X1 | |
| Salivary Glands | + 50 | |
| Stomach, Forestomach | + 50 | |
| Mast Cell Tumor Malignant, Metastatic,
Uncertain Primary Site | X1 | |
| Sarcoma | X1 | |
| Stomach, Glandular | + 50 | |
| Sarcoma | X1 | |
| Tooth | +4 | |

CARDIOVASCULAR SYSTEM

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

ENDOCRINE 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. 97008 - 06

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Species/Strain: MICE/B6C3F1

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| B6C3F1 MICE MALE
8 PPM | DAY ON TEST | 7
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| | * TOTALS | | |
| Adrenal Cortex | | + | 50 |
| Histiocytic Sarcoma | | | X | | | | 1 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | X | | | | | | | 1 |
| Subcapsular, Adenoma | | | | | | | | | | | | | | | | X | | | | | | | | | | 3 |
| Adrenal Medulla | | + | 50 |
| Pheochromocytoma Malignant | | | X | | | | 1 |
| Islets, Pancreatic | | + | 50 |
| Parathyroid Gland | | + | + | M | + | + | + | M | M | M | + | + | M | M | + | M | + | M | M | M | + | + | + | M | + | 30 |
| Pituitary Gland | | + | 50 |
| Histiocytic Sarcoma | | | X | | | | 1 |
| Thyroid Gland | | + | 50 |
| C-cell, Carcinoma | | | 1 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | |
|---------------------|----|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | 1 |

* .. 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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TDMS No. 97008 - 06

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| | | |
|---------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
8 PPM | DAY ON TEST | 7
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8 | 0
0
2
3
9 | 0
0
2
4
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
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4
6 | 0
0
2
4
7 | 0
0
2
4
8 | 0
0
2
4
9 |
| | <hr/> | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| * TOTALS | | |

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

HEMATOPOIETIC SYSTEM

| | | |
|---|----|--|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | 1 | |
| Mast Cell Tumor Malignant, Metastatic, Uncertain Primary Site | | | | | | | | | | | X | | | | | | | | | | | | | | | 1 | |
| <hr/> | | |
| Lymph Node |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | + | 1 | |
| Iliac, Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | 1 | |
| Renal, Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | 1 | |
| <hr/> | | |
| Lymph Node, Bronchial | M | + | + | + | + | + | M | + | M | + | M | + | + | M | M | M | + | + | M | M | + | + | + | + | + | 35 | |

* .. 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| B6C3F1 MICE MALE
8 PPM | DAY ON TEST | 7
3
0 | 7
2
9 | 7
2
9 | 7
3
0 | 7
2
9 | 7
3
0 | 7
3
1 | 5
8
3 | 7
3
1 | 7
2
9 | 7
2
9 | 7
3
1 | 7
3
0 | 7
0
4 | 6
7
1 | 7
3
1 | 7
2
3 | 7
2
0 | 7
3
0 | 7
3
0 | 7
2
9 | 7
2
9 | 5
7
2 | | | |
|--|--|-----------------------|---|----|
| | ANIMAL ID | 0
0
2
2
6 | 0
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2
7 | 0
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8 | 0
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2
9 | 0
0
2
3
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1 | 0
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3 | 0
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4 | 0
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7 | 0
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6 | 0
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7 | 0
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4
8 | 0
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2
5
9 | | |
| | * TOTALS | | |
| | Lymphoma Malignant | X | | | | | | 1 |
| | Lymph Node, Mandibular
Lymphoma Malignant | | + | + | M | + | + | + | M | M | + | + | + | + | M | + | M | + | + | + | + | M | M | M | + | + | + |
| Mast Cell Tumor Malignant, Metastatic,
Uncertain Primary Site | | | | 1 |
| Lymph Node, Mediastinal
Lymphoma Malignant | | M | + | + | M | + | + | M | M | + | M | M | + | M | + | + | + | + | + | + | M | + | M | M | + | + | 33 |
| Lymph Node, Mesenteric
Lymphoma Malignant | | + | + | 50 |
| Spleen |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Thymus |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

INTEGUMENTARY SYSTEM

| | |
|---------------|-----------|
| Mammary Gland | M | 0 |
| Skin | + | 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. 97008 - 06

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Species/Strain: MICE/B6C3F1

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First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

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

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | |
|---------------------|----|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | + | + | + | 1 |

RESPIRATORY SYSTEM

| | |
|---|----|
| Larynx | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Alveolar/Bronchiolar Adenoma | | | X | | X | X | | | | | | | | | | | | | | | | | | | 5 |
| Alveolar/Bronchiolar Carcinoma | | | | X | X | | | | | | | | | | | | X | | | | | X | | | 6 |
| Alveolar/Bronchiolar Carcinoma, Multiple |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Hepatocellular Carcinoma, Metastatic, Liver | | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| 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. 97008 - 06

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First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | | |
|---------------------------|---|-----------------------|
| B6C3F1 MICE MALE
8 PPM | DAY ON TEST | 7
3
0 | 7
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9 | 7
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9 | 7
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9 | 7
3
0 | 7
3
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| | ANIMAL ID | 0
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| | | |
| * TOTALS | | |

| | |
|---------------------------------|----|
| Nose | + | 50 |
| Hemangioma | 1 |
| Histiocytic Sarcoma | X | | | 1 |
| Respiratory Epithelium, Adenoma | | 1 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

SPECIAL SENSES SYSTEM

| | |
|--------------------|----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Melanoma Malignant | | | | | | | | | | X | | | | | | | | | | | | | | | | 1 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adenoma | | | | | | | X | | | | | | X | | | X | | | | | | | | | | 10 |
| Carcinoma | | | | | | | | X | | | X | | | | | | X | | | | | | | | | 3 |
| Lacrimal Gland | | | | | | | | | | | | + | | | | | | | | | | | | | | 1 |

URINARY SYSTEM

| | |
|---------------------|----|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| 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

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First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

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

Urinary Bladder

+ 50

SYSTEMIC LESIONS

Multiple Organ

+ 50

Histiocytic Sarcoma

X 1

Lymphoma Malignant

X X 2

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

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First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| B6C3F1 MICE MALE
16 PPM | DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 6 | 6 | 7 | 5 | 7 |
|----------------------------|-------------|
| | | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 6 | 2 |
| | | 0 | 0 | 9 | 0 | 9 | 0 | 9 | 0 | 0 | 9 | 0 | 9 | 0 | 0 | 1 | 1 | 9 | 1 | 0 | 3 | 0 | 1 | 0 | 5 | 9 |
| | | 0 |
| ANIMAL ID | 0 | 0 |
| | | 0 |
| | | 4 |
| | | 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 |
| 16 PPM | 1 | 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 | M | + | + | + | + | M | M | + | + | + | + | M | + | + | + | + | + | A | A | + | + | I |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | A | + | + | + |
| Adenoma | | | | | | | | | | | | | X | | | | | | | | | | | | |
| Carcinoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + |
| Hemangioma | X | |
| Hemangiosarcoma | | | | | | | | | | | | X | | | | | | | | | | | | | |
| Hepatoblastoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | |
| Hepatocellular Adenoma | 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. 97008 - 06

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Lab: BNW

| | DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 6 | 6 | 7 | 5 | 7 |
|----------------------------|-------------|
| | | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 6 | 2 |
| | | 0 | 0 | 9 | 0 | 9 | 0 | 9 | 0 | 0 | 9 | 0 | 9 | 0 | 0 | 1 | 1 | 9 | 1 | 0 | 3 | 0 | 1 | 0 | 5 | 9 |
| B6C3F1 MICE MALE
16 PPM | ANIMAL ID | 0 |
| | | 0 |
| | | 4 |
| | | 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...)

Hepatocellular Adenoma, Multiple

X X

X

X

Hepatocellular Carcinoma

Hepatocellular Carcinoma, Multiple

Hepatocholangiocarcinoma

Mesentery

+

Pancreas

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

Salivary Glands

+ +

Lymphoma Malignant

Stomach, Forestomach

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

Squamous Cell Papilloma

Stomach, Glandular

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

Tooth

+ + + + + + + + + + + + + + + + + + +

CARDIOVASCULAR SYSTEM

Heart

+ +

ENDOCRINE 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

| | | | |
|----------------------------|-------------|--------------------|--|
| B6C3F1 MICE MALE
16 PPM | DAY ON TEST | 7
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9 | 7
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9 | 7
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1 | 7
3
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9
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9 | males
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| | ANIMAL ID | 0
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| |
|--------------------------|
| Adrenal Cortex | + | A | + | + | + | + |
| Adrenal Medulla | + | A | + | + | + | + |
| Islets, Pancreatic | + | A | + | + | + | + |
| Parathyroid Gland | + | M | M | + | + | + | + | + | I | M | + | + | + | I | + | M | M | + | + | M | + | + | + | + | + |
| Pituitary Gland | + |
| Thyroid Gland | + |
| Follicular Cell, Adenoma | |

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

| |
|-----------------|
| Epididymis | + |
| Preputial Gland | + |
| Prostate | + |

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

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Lab: BNW

| | DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 6 | 6 | 7 | 5 | 7 |
|---|-------------|--------------------|
| | | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 6 | 2 |
| B6C3F1 MICE MALE
16 PPM | ANIMAL ID | 0 |
| | | 0 |
|  |  | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | 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...) |
| Seminal Vesicle | | + | |
| Testes | | + |
| HEMATOPOIETIC SYSTEM | | |
| Bone Marrow | | + |
| Lymph Node, Bronchial | | + | + | M | M | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + |
| Lymph Node, Mandibular
Lymphoma Malignant | | M | + | + | + | M | M | M | + | + | M | M | M | M | + | + | + | M | + | + | + | M | M | + | + | M |
| Lymph Node, Mediastinal
Lymphoma Malignant | | + | + | M | M | M | M | M | + | + | + | + | M | + | + | + | + | + | + | + | + | A | + | + | + | + |
| Lymph Node, Mesenteric
Lymphoma Malignant | | + | A | + | + | + | + |
| Spleen |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + |
| Hemangiosarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | |
| Lymphoma Malignant | | |
| Thymus | | + | + | + | + | + | + | M | + | + | + | + | M | + | + | + | + | M | + | + | A | + | + | + | + | + |

* .. 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 MALE
16 PPM | DAY ON TEST | 7
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0 | 7
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9 | 7
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0 | 4
9
3 | 6
3
0 | 6
3
1 | 7
3
0 | 5
6
5 | 7
2
9 |
| | ANIMAL ID | 0
0
4
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1 | 0
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4
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2 | 0
0
4
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3 | 0
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7 | 0
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9 | 0
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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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5 | 0
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6 | 0
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7 | 0
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8 | 0
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9 | 0
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1 | 0
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2 | 0
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4
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3 | 0
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4
2
4 | 0
0
4
2
5 |
| | | |
| | | | males
(cont...) |

INTEGUMENTARY SYSTEM

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

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

| | |
|--|---|
| Larynx | + |
| Lung | + |
| Alveolar/Bronchiolar Adenoma | X | | | | | | X | | X | X | | | | X | | | | | | | | | | X | X |
| Alveolar/Bronchiolar Adenoma, Multiple | |
| Alveolar/Bronchiolar Carcinoma | | | | 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 6 | 6 | 7 | 5 | 7 |
|----------------------------|-------------|
| | | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 6 | 2 |
| | | 0 | 0 | 9 | 0 | 9 | 0 | 9 | 0 | 0 | 9 | 0 | 9 | 0 | 0 | 1 | 1 | 9 | 1 | 0 | 3 | 0 | 1 | 0 | 5 | 9 |
| B6C3F1 MICE MALE
16 PPM | ANIMAL ID | 0 |
| | | 0 |
| | | 4 |
| | | 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...)

Alveolar/Bronchiolar Carcinoma, Multiple
Carcinoma, Metastatic, Harderian Gland
Hepatoblastoma, Metastatic, Liver
Hepatocellular Carcinoma, Metastatic,
Liver
Lymphoma Malignant

X

X

Nose
Respiratory Epithelium, Adenoma
Trachea

SPECIAL SENSES SYSTEM

Eye
Harderian Gland
Adenoma
Carcinoma

URINARY SYSTEM

Kidney
Lymphoma Malignant

* .. 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

| | | | |
|------------------------------------|---|-----------------------|--|
| B6C3F1 MICE MALE
16 PPM | DAY ON TEST | 7
3
0 | 7
3
0 | 7
2
9 | 7
3
0 | 7
2
9 | 7
3
0 | 7
2
9 | 7
3
0 | 7
2
9 | 7
3
0 | 7
2
9 | 7
3
0 | 7
3
0 | 7
3
1 | 7
3
1 | 7
2
9 | 7
3
1 | 7
3
0 | 4
9
3 | 6
3
0 | 6
3
1 | 7
3
0 | 5
6
5 | 7
2
9 | |
| | ANIMAL ID | 0
0
4
0
1 | 0
0
4
0
2 | 0
0
4
0
3 | 0
0
4
0
4 | 0
0
4
0
5 | 0
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4
0
6 | 0
0
4
0
7 | 0
0
4
0
8 | 0
0
4
0
9 | 0
0
4
1
0 | 0
0
4
1
1 | 0
0
4
1
2 | 0
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4
1
3 | 0
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4
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4 | 0
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5 | 0
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4
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6 | 0
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7 | 0
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8 | 0
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9 | 0
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2
1 | 0
0
4
2
2 | 0
0
4
2
3 | 0
0
4
2
4 | 0
0
4
2
5 | |
| | | | |
| | | | |
| | | | |
| Renal Tubule, Adenoma | X | | |
| Urinary Bladder | + A + + + + | | |
| Transitional Epithelium, Papilloma | | | |

SYSTEMIC LESIONS

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

* .. 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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CAS Number: 107-19-7

Date Report Reqsted: 07/11/2006

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First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

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

ALIMENTARY SYSTEM

| | |
|---------------------------|----|
| Esophagus | + | 50 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | M | + | + | + | + | 40 |
| Intestine Large, Cecum | + | 48 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Small, Duodenum | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | 47 |
| Intestine Small, Ileum | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | 46 |
| Intestine Small, Jejunum | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | 46 |
| Adenoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Carcinoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Hemangioma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | X | X | | | | | | | | 3 |
| Hepatoblastoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Hepatocellular Adenoma | | | | X | | | | | | | X | | | | | | | | X | | | | | | | 8 |

* .. 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. 97008 - 06

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Lab: BNW

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

Hepatocellular Adenoma, Multiple

X

X

X

X

8

Hepatocellular Carcinoma

X

X

X

X

X

X

6

Hepatocellular Carcinoma, Multiple

X

X

2

Hepatocholangiocarcinoma

X

1

Mesentery

+

2

Pancreas

+

+

+

+

+

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49

Salivary Glands

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+

50

Lymphoma Malignant

X

1

Stomach, Forestomach

+

+

+

+

+

+

+

+

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+

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49

Squamous Cell Papilloma

X

1

Stomach, Glandular

+

+

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49

Tooth

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5

CARDIOVASCULAR SYSTEM

Heart

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+

50

ENDOCRINE 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

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

| | |
|--------------------------|----|
| Adrenal Cortex | + | 49 |
| Adrenal Medulla | + | 49 |
| Islets, Pancreatic | + | 49 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | M | + | M | + | 38 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Follicular Cell, Adenoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

| | |
|-----------------|----|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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. 97008 - 06

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Lab: BNW

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

| | |
|-----------------|----|
| Seminal Vesicle | + | 50 |
|-----------------|----|

| | |
|--------|----|
| Testes | + | 50 |
|--------|----|

HEMATOPOIETIC SYSTEM

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

| | |
|-----------------------|----|
| Lymph Node, Bronchial | M | M | + | + | + | + | M | + | + | M | M | M | + | M | + | M | M | + | M | M | M | M | + | + | M | 30 |
|-----------------------|----|

| | |
|------------------------|----|
| Lymph Node, Mandibular | + | + | + | + | M | M | M | + | + | + | + | M | M | M | + | M | M | + | + | M | M | M | M | + | 25 |
| Lymphoma Malignant | | | | | | | | | | | X | | | | | | | | | | | | | | 1 |

| | |
|-------------------------|----|
| Lymph Node, Mediastinal | + | + | + | M | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | M | + | M | + | M | 38 |
| Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | | 1 | |

| | |
|------------------------|----|
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | | 1 |

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

| | |
|--------|----|
| Thymus | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | M | + | M | M | + | + | + | 42 |
|--------|----|

* .. 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

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

INTEGUMENTARY SYSTEM

| | |
|---|----|
| Mammary Gland | M | 0 |
| Skin | + | 50 |
| Subcutaneous Tissue,
Hemangiosarcoma | | 1 |

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

| | |
|--|----|
| Larynx | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | X | | | | | | | | | | | | | | | | | 8 |
| Alveolar/Bronchiolar Adenoma, Multiple | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Alveolar/Bronchiolar Carcinoma | | | | X | | | | X | | | | | | | X | | | | X | | | | | | | 6 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
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M .. Missing tissue
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| | | |
|----------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
16 PPM | DAY ON TEST | 7
3
0 | 7
3
1 | 7
2
9 | 7
3
1 | 6
3
3 | 6
5
4 | 7
0
5 | 7
3
0 | 7
3
1 | 7
3
0 | 7
2
9 | 7
2
9 | 7
2
9 | 6
4
0 | 7
2
9 | 7
2
9 | 6
9
8 | 7
2
9 | 7
3
1 | 7
3
1 | 7
3
0 | 7
3
0 | 6
3
8 | 7
2
9 | 7
2
9 |
| | | |
| | ANIMAL ID | 0
0
4
2
6 | 0
0
4
2
7 | 0
0
4
2
8 | 0
0
4
2
9 | 0
0
4
3
0 | 0
0
4
3
1 | 0
0
4
3
2 | 0
0
4
3
3 | 0
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4
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3 | 0
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3 | 0
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3 | 0
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1 | 0
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2 | 0
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4
4
3 | 0
0
4
4
4 | 0
0
4
4
5 | 0
0
4
4
6 | 0
0
4
4
7 | 0
0
4
5
0 |
| | | |
| | | |
| | | |
| * TOTALS | | |

Alveolar/Bronchiolar Carcinoma, Multiple 1

Carcinoma, Metastatic, Harderian Gland X 1

Hepatoblastoma, Metastatic, Liver 1

Hepatocellular Carcinoma, Metastatic, Liver X X X X X 5

Lymphoma Malignant X 1

Nose + 50

Respiratory Epithelium, Adenoma X X X 4

Trachea + 49

SPECIAL SENSES SYSTEM

Eye + 48

Harderian Gland + 49

Adenoma X X 6

Carcinoma X X X 5

URINARY SYSTEM

Kidney + 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Reqsted: 07/11/2006

Time Report Reqsted: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

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

Renal Tubule, Adenoma 1

Urinary Bladder + 49

Transitional Epithelium, Papilloma X 1

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

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

ALIMENTARY SYSTEM

| |
|---------------------------------------|
| Esophagus | + |
| Gallbladder | I | I | M | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | M | + | + | + | + | + | + |
| Intestine Large, Cecum
Hemangioma | + |
| Intestine Large, Colon | + |
| Intestine Large, Rectum | + |
| Intestine Small, Duodenum | + |
| Intestine Small, Ileum | + |
| Intestine Small, Jejunum
Carcinoma | + |
| Liver | + |
| Hepatocellular Adenoma | | X | | | | | | | | | | X | | | X | X | | X | X | | | | | | |
| Hepatocellular Adenoma, Multiple |
| Hepatocellular Carcinoma | | | | | | | | | | X | | | | | | | | | X | | | | | | |
| Hepatocellular Carcinoma, Multiple | | | | | | | | | | | | 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | |
|----------------------------|-------------|
| B6C3F1 MICE MALE
32 PPM | DAY ON TEST | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 5 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 6 | 3 | 2 | 3 | 2 | 3 | 3 |
| | | 1 | 3 | 1 | 9 | 9 | 0 | 1 | 0 | 1 | 0 | 0 | 9 | 1 | 0 | 0 | 0 | 0 | 1 | 7 | 0 | 9 | 0 | 9 | 1 |
| | ANIMAL ID | 0 |
| | | 0 |
| | | 6 |
| | | 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 |
| | |

males
(cont...)

Histiocytic Sarcoma

Lymphoma Malignant

X

Mesentery

+

+

Pancreas

+

+

+

+

+

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Lymphoma Malignant

X

Salivary Glands

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Lymphoma Malignant

X

Stomach, Forestomach

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Lymphoma Malignant

Stomach, Glandular

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Lymphoma Malignant

X

Tooth

+

CARDIOVASCULAR SYSTEM

Heart

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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

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

ENDOCRINE SYSTEM

| |
|----------------------|
| Adrenal Cortex | + | |
| Subcapsular, Adenoma | |
| Adrenal Medulla | + | |
| Islets, Pancreatic | + | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | M | + | + | M | M | + | M | M | + | M | + | + | + | M | + | M | M |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | |
| Thyroid Gland | + | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | |
|---------------------|--|
| Epididymis | + | |
| Histiocytic Sarcoma | |
| Preputial Gland | + | |

* .. 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| B6C3F1 MICE MALE
32 PPM | DAY ON TEST | 7 | 6 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | |
|----------------------------|-------------|--------------------|
| | | 3 | 5 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 4 | 3 | 3 | 3 | 3 | 3 | 6 | 3 | 2 | 3 | 2 | 3 | 3 |
| | 1 | 3 | 1 | 9 | 9 | 0 | 1 | 0 | 1 | 0 | 0 | 9 | 1 | 0 | 0 | 0 | 0 | 1 | 7 | 0 | 9 | 0 | 9 | 1 | 1 |
| | 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 |
|  | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 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...) |

| |
|--------------------|
| Prostate | + |
| Lymphoma Malignant | | X | |
| Seminal Vesicle | + |
| Lymphoma Malignant | | X | |
| Testes | + |

HEMATOPOIETIC SYSTEM

| |
|-------------------------|
| Bone Marrow | + | |
| Lymph Node, Bronchial | + | + | + | + | M | + | + | + | + | + | + | + | M | + | + | + | M | M | M | + | + | M | M | + | + |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | X | | | | | | | | |
| Lymphoma Malignant | | X | |
| Lymph Node, Mandibular | M | + | M | M | M | + | + | + | + | + | M | + | M | + | + | + | M | + | + | M | + | M | M | + | M |
| Lymphoma Malignant | | X | |
| Lymph Node, Mediastinal | + | + | + | + | M | + | M | + | + | + | M | M | M | M | + | + | + | + | + | + | + | + | M | + | + |
| Lymphoma Malignant | | X | |
| Lymph Node, Mesenteric | + |
| 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

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

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

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

| | |
|---|---|
| Kidney | + |
| Lymphoma Malignant | | X | |
| Mast Cell Tumor Malignant, Metastatic, Uncertain Primary Site | | | | | | | | | | | | X | | | | | | | | | | | | | |
| Renal Tubule, Adenoma | |
| Urinary Bladder | + |
| Lymphoma Malignant | | X | |

SYSTEMIC LESIONS

* .. 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

| | | | |
|----------------------------|---------------------|--------------------|-----------------------|
| B6C3F1 MICE MALE
32 PPM | DAY ON TEST | 7
3
1 | 6
5
3 | 7
3
1 | 7
2
9 | 7
2
9 | 5
3
0 | 7
3
1 | 7
3
0 | 7
3
1 | 7
3
0 | 7
3
0 | 7
2
9 | 6
4
1 | 7
3
0 | 7
3
0 | 7
3
0 | 7
3
1 | 6
6
7 | 7
3
0 | 7
2
9 | 7
3
0 | 7
2
9 | 7
3
1 | 7
3
1 | males
(cont...) | |
| | ANIMAL ID | 0
0
6
0
1 | 0
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6
0
2 | 0
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6
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3 | 0
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4 | 0
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6
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5 | 0
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7 | 0
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8 | 0
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3 | 0
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7 | 0
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8 | 0
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1 | 0
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6
2
2 | 0
0
6
2
3 | 0
0
6
2
4 | | 0
0
6
2
5 |
| | 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. 97008 - 06

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Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

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CAS Number: 107-19-7

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First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

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

ALIMENTARY SYSTEM

| | |
|------------------------------------|----|
| Esophagus | + | 50 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 44 |
| Intestine Large, Cecum | + | 50 |
| Hemangioma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 49 |
| Carcinoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hepatocellular Adenoma | | X | X | X | | X | | | | X | | | | | X | | X | | | | | | | X | | 14 |
| Hepatocellular Adenoma, Multiple | | | | | | | | | X | | | | | | | | | | | | | | | | | 1 |
| Hepatocellular Carcinoma | | | | | | | | | | X | | | | | | | X | | | | X | | | | | 5 |
| Hepatocellular Carcinoma, Multiple | | | | | | | | | | | | | | | | | | | 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | | |
|----------------------------|---|-----------------------|
| B6C3F1 MICE MALE
32 PPM | DAY ON TEST | 7
3
0 | 7
3
0 | 6
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8 | 7
3
1 | 5
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5 | 7
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1 | 7
2
9 | 7
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| | ANIMAL ID | 0
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| * TOTALS | | |

Histiocytic Sarcoma

X

1

Lymphoma Malignant

X

2

Mesentery

+

+

4

Pancreas

+

+

+

+

+

+

+

+

+

+

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50

Lymphoma Malignant

1

Salivary Glands

+

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50

Lymphoma Malignant

X

2

Stomach, Forestomach

+

+

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50

Lymphoma Malignant

X

1

Stomach, Glandular

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Lymphoma Malignant

X

2

Tooth

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CARDIOVASCULAR SYSTEM

Heart

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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

| | | |
|----------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
32 PPM | DAY ON TEST | 7
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| | * TOTALS | |

ENDOCRINE SYSTEM

| | |
|----------------------|----|
| Adrenal Cortex | + | 50 |
| Subcapsular, Adenoma | | | | | | | | | | | | | | | | X | | | | | | | | | | 1 |
| Adrenal Medulla | + | 50 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Parathyroid Gland | M | + | + | M | I | + | + | + | + | + | + | + | + | + | + | M | + | + | + | M | M | + | + | + | + | 35 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | |
|---------------------|----|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | DAY ON TEST | 7 | 7 | 6 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 |
|----------------------------|-------------|----------|
| | | 3 | 3 | 9 | 3 | 0 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 9 | 3 | 2 | 2 | 3 | 2 | 7 | 2 | 2 |
| B6C3F1 MICE MALE
32 PPM | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 6 | 6 |
| | | 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 | |

| | |
|--------------------|----|
| Prostate | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | 2 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

HEMATOPOIETIC SYSTEM

| | |
|-------------------------|----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymph Node, Bronchial | + | + | + | M | + | + | M | M | M | + | M | + | + | M | + | M | + | + | + | M | M | + | M | + | 33 |
| Hemangiosarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Lymph Node, Mandibular | + | + | + | + | + | + | M | M | M | + | M | M | + | + | + | + | M | + | + | M | M | M | + | + | 30 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | 2 |
| Lymph Node, Mediastinal | + | M | + | M | + | + | M | + | + | + | M | + | + | + | + | M | + | + | + | + | + | M | + | + | 36 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Lymph Node, Mesenteric | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

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Lab: BNW

| | | |
|----------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
32 PPM | DAY ON TEST | 7
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| | * TOTALS | |

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|--------------------|----|
| Spleen | + | 50 |
| Lymphoma Malignant | | X | | | 2 |
| Thymus | + | 49 |
| Lymphoma Malignant | | 1 |

INTEGUMENTARY SYSTEM

| | |
|---|----|
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Sebaceous Gland, Adenoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Subcutaneous Tissue, Fibrous Histiocytoma | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| Subcutaneous Tissue, Hemangioma | | | | | | | | | | | | | X | | | | | | | | | | | | | 1 |

MUSCULOSKELETAL SYSTEM

| | |
|--------------|----|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Osteosarcoma | | | | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

NERVOUS 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

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Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | | | |
|----------------------------|---|-----------------------|--|
| B6C3F1 MICE MALE
32 PPM | DAY ON TEST | 7
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| | * TOTALS | |

| | |
|---------------------------|----|
| Brain | + | 50 |
| Sarcoma, Metastatic, Bone | | 1 |
| Peripheral Nerve | | | | | + | | 1 |
| Spinal Cord | | | | | + | | 1 |

RESPIRATORY SYSTEM

| | |
|---|----|
| Larynx | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Alveolar/Bronchiolar Adenoma | X | X | | | | | | | | | | | | | | | | | | | | X | | X | X | 6 |
| Alveolar/Bronchiolar Adenoma, Multiple | | | | | | | | | | | | | | | | | X | | | | | | | | | 1 |
| Alveolar/Bronchiolar Carcinoma | | | X | | | | | | | X | | | | | | | | | | | | X | | | | 7 |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | | | | X | | | | | | | 2 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | 2 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Olfactory Epithelium, Sarcoma, Metastatic, Bone |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Respiratory Epithelium, Adenoma | | | 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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CAS Number: 107-19-7

Date Report Requested: 07/11/2006

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First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | | |
|----------------------------|-------------|-----------------------|
| B6C3F1 MICE MALE
32 PPM | DAY ON TEST | 7
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| | ANIMAL ID | 0
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| * TOTALS | | |

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

SPECIAL SENSES SYSTEM

| | |
|--------------------|----|
| Eye | + | 49 |
| Harderian Gland | + | 50 |
| Adenoma | | X | | | X | | X | | | | | | | | | | X | | | | | | | X | | 9 |
| Carcinoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Bilateral, Adenoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | 2 |

URINARY SYSTEM

| | |
|---|----|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Mast Cell Tumor Malignant, Metastatic, Uncertain Primary Site |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Renal Tubule, Adenoma | | | | | | | | | | | | X | | | | | | | | | | | | | | 1 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | 2 |

SYSTEMIC LESIONS

* .. 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

| B6C3F1 MICE MALE
32 PPM | | DAY ON TEST | 7
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| | | | | * TOTALS | |
| Multiple Organ | | | + | 50 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | X | | | | | | | | 1 |
| Lymphoma Malignant | | | | X | | | 2 |

*** 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

| | | | |
|-------------------------------|-------------|----------------------|-----------------------|
| B6C3F1 MICE FEMALE
CONTROL | DAY ON TEST | 7
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5 |

ALIMENTARY SYSTEM

| | |
|---|---|
| Esophagus | + |
| Gallbladder | + | + | + | A | I | + | + | M | M | + | + | + | I | + | + | + | + | I | + | + | + | + | M | A | M |
| Lymphoma Malignant |
| Intestine Large, Cecum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X |
| Intestine Large, Colon | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| Intestine Large, Rectum | + | + | + | A | + |
| Intestine Small, Duodenum | + | + | + | A | + |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X |
| Intestine Small, Ileum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| Intestine Small, Jejunum | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + |
| Liver | + |
| Carcinoma, Metastatic, Islets, Pancreatic | X | |
| Hepatocellular Adenoma | | | | | X | | | X | | | | X | | X | | X | | | | X | | | | | |
| Hepatocellular Adenoma, Multiple | | | 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

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

females
(cont...)

Hepatocellular Carcinoma

X

X

Histiocytic Sarcoma

X

Lymphoma Malignant

X

X

X

Mesentery

+

Pancreas

+

+

+

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Histiocytic Sarcoma

X

Lymphoma Malignant

X

Salivary Glands

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Lymphoma Malignant

Stomach, Forestomach

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Lymphoma Malignant

X

Squamous Cell Papilloma

Stomach, Glandular

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Lymphoma Malignant

X

Tongue

Squamous Cell Papilloma

CARDIOVASCULAR 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. 97008 - 06

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Species/Strain: MICE/B6C3F1

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PROPARGYL ALCOHOL

CAS Number: 107-19-7

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Time Report Reqsted: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| B6C3F1 MICE FEMALE
CONTROL | DAY ON TEST | 7
3
3 | 7
3
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3
2 | 7
0
4 | 7
3
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6 | females
(cont...) | | |
|-------------------------------|-------------|----------------------|-----------------------|-----------------------|
| | ANIMAL ID | 0
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females
(cont...)

Blood Vessel

Aorta, Sarcoma, Metastatic, Skin

Heart

Lymphoma Malignant

Sarcoma, Metastatic, Skin

ENDOCRINE SYSTEM

Adrenal Cortex

Adrenal Medulla

Pheochromocytoma Benign

Islets, Pancreatic

Carcinoma

Parathyroid Gland

Pituitary Gland

Pars Distalis, Adenoma

Pars Distalis, Carcinoma

Thyroid Gland

* .. 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. 97008 - 06

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Species/Strain: MICE/B6C3F1

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PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Reqsted: 07/11/2006

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First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

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

females
(cont...)

Follicular Cell, Adenoma

GENERAL BODY SYSTEM

Tissue NOS

+

Carcinoma

X

GENITAL SYSTEM

Clitoral Gland

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

Ovary

+ +

Cystadenoma

X

X

Histiocytic Sarcoma

X

Leiomyosarcoma

Lymphoma Malignant

X

X

Uterus

+ +

Histiocytic Sarcoma

X

Leiomyosarcoma

X

Lymphoma Malignant

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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TDMS No. 97008 - 06

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First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | DAY ON TEST | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 7 | 5 | 7 |
|-------------------------------|-------------|-------------------|
| | | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 3 | 3 | 3 | 1 | 3 | 6 | 3 | 3 | 3 | 3 | 9 | 1 |
| | | 3 | 2 | 2 | 4 | 2 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 1 | 3 | 9 | 1 | 2 | 3 | 2 | 2 | 3 |
| B6C3F1 MICE FEMALE
CONTROL | ANIMAL ID | 0 | 0 |
| | | 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 |
| | | 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...) | |

HEMATOPOIETIC SYSTEM

| | |
|---|---|
| Bone Marrow | + |
| Hemangiosarcoma | | | | | | | | | | | | | | X | | | | | | | | | | |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | |
| Lymph Node | + | | | | + | | | | | | | | | | | | | | | | + | | + | |
| Iliac, Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | |
| Iliac, Lymphoma Malignant | X | | | | X | | | | | | | | | | | | | | | | X | | | |
| Pancreatic, Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | |
| Pancreatic, Lymphoma Malignant |
| Renal, Lymphoma Malignant | | | | | X | | | | | | | | | | | | | | | | X | | | |
| Lymph Node, Bronchial | + | + | + | + | + | + | + | + | + | + | M | M | + | + | + | M | + | + | + | + | + | + | + | + |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | | | | | X | | | | | | | | | | |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X |
| Lymphoma Malignant | X | | | X | X | | | | | | | | | | | | | | | | X | X | | |
| Lymph Node, Mandibular | + | M | + | + | + | M | + | + | + | + | M | + | + | + | M | + | M | + | + | M | + | M | + | + |
| Lymphoma Malignant | X | | | | X | | | | | | | | | | | | | | | | | X | | |
| Lymph Node, Mediastinal | + | + | + | + | + | + | + | + | M | + | M | + | + | M | + | + | + | + | + | + | + | + | M | + |
| 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. 97008 - 06

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Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

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

females
(cont...)

| |
|---------------------------|
| Lymphoma Malignant | X | | | | | X | | | | | | | | | | | | | | | | | X | X | |
| Sarcoma, Metastatic, Skin | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | M | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X |
| Lymphoma Malignant | X | | | | X | X | | | | | | | | | | | | | | | | X | X | | |
| Spleen | + |
| Hemangiosarcoma | | | | | | | | | | | | | X | | | | | | | | | | | | |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X |
| Lymphoma Malignant | X | | | | X | | | | | X | | | | | | | | | | | | X | X | | |
| Thymus | + |
| Lymphoma Malignant | | | | | X | | | | | | | | | | | | | | | | | X | X | | |
| Sarcoma, Metastatic, Skin | |

INTEGUMENTARY SYSTEM

| |
|------------------------------|
| Mammary Gland | + |
| Skin | + |
| Subcutaneous Tissue, Sarcoma | |

MUSCULOSKELETAL 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

| | | | |
|-------------------------------|-------------|----------------------|-----------------------|
| B6C3F1 MICE FEMALE
CONTROL | DAY ON TEST | 7
3
3 | 7
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9 | 7
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6 | females
(cont...) | |
| | ANIMAL ID | 0
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Bone

Skeletal Muscle

Sarcoma, Metastatic, Skin

NERVOUS SYSTEM

Brain

Carcinoma, Metastatic, Pituitary Gland

Lymphoma Malignant

RESPIRATORY SYSTEM

Larynx

Lung

Alveolar/Bronchiolar Adenoma

Alveolar/Bronchiolar Carcinoma

Hepatocellular Carcinoma, Metastatic, Liver

Histiocytic Sarcoma

Lymphoma Malignant

Sarcoma, Metastatic, Skin

* .. 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

| | | | |
|-------------------------------|-------------|----------------------|-----------------------|
| B6C3F1 MICE FEMALE
CONTROL | DAY ON TEST | 7
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3 | 7
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6 | females
(cont...) | |
| | ANIMAL ID | 0
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|---|---|
| Nose | + |
| Lymphoma Malignant |
| Pleura | |
| Alveolar/Bronchiolar Carcinoma,
Metastatic, Lung | |
| Trachea | + |

SPECIAL SENSES SYSTEM

| |
|--------------------|
| Eye | + | + | + | A | + |
| Harderian Gland | + |
| Adenoma | | | | | | | | | | | | X | X | | | | | | | | | | | |
| Lymphoma Malignant | |

URINARY SYSTEM

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

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

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BLANK .. Not examined microscopically

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Lab: BNW

| | | |
|-------------------------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE
CONTROL | DAY ON TEST | 7
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ALIMENTARY SYSTEM

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| Esophagus | + | 50 |
| Gallbladder | + | 41 |
| Lymphoma Malignant | | | | | | | | | | | | | X | | | | | | | | | | | | | 1 |
| Intestine Large, Cecum | + | 48 |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Carcinoma, Metastatic, Islets, Pancreatic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Hepatocellular Adenoma | | X | | | X | | | | X | | | X | | | | | | X | X | | | | | X | | 12 |
| Hepatocellular Adenoma, Multiple | | | 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Reqsted: 07/11/2006

Time Report Reqsted: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | | | |
|-------------------------------|-------------|-----------------------|--|
| B6C3F1 MICE FEMALE
CONTROL | DAY ON TEST | 7
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| Hepatocellular Carcinoma | </ |
|--------------------------|----|

CARDIOVASCULAR 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

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PROPARGYL ALCOHOL

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| | | | |
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| B6C3F1 MICE FEMALE
CONTROL | DAY ON TEST | 7
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|----------------------------------|----|
| Blood Vessel | 1 |
| Aorta, Sarcoma, Metastatic, Skin | | 1 |
| Heart | + | 50 |
| Lymphoma Malignant | 2 |
| Sarcoma, Metastatic, Skin |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

ENDOCRINE SYSTEM

| | |
|--------------------------|----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Pheochromocytoma Benign |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Carcinoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Parathyroid Gland | M | + | M | M | + | M | + | M | + | + | M | M | + | M | M | + | + | + | + | + | + | + | + | + | + | 31 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Pars Distalis, Adenoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 |
| Pars Distalis, Carcinoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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. 97008 - 06

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Lab: BNW

| B6C3F1 MICE FEMALE
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GENERAL BODY SYSTEM

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GENITAL SYSTEM

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Ovary

+ I 49

Cystadenoma

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Histiocytic Sarcoma

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Leiomyosarcoma

X

1

Lymphoma Malignant

X

X

4

Uterus

+ 50

Histiocytic Sarcoma

1

Leiomyosarcoma

1

Lymphoma Malignant

X

X

3

Polyp Stromal

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. 97008 - 06

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HEMATOPOIETIC SYSTEM

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|---|----|----|
| Bone Marrow | + | 50 | |
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | | X | | | | | | | 2 | |
| Lymphoma Malignant | | | | X | | 2 | |
| Lymph Node | + | | | | | | | | + | | | | + | | | + | | | | | | | + | | | 9 | |
| Iliac, Histiocytic Sarcoma | 1 | |
| Iliac, Lymphoma Malignant | | | | | | | | | | | | | | | | X | | | | | | | | | | 4 | |
| Pancreatic, Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | |
| Pancreatic, Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | | | 1 | |
| Renal, Lymphoma Malignant | X | | | | | | | | X | | | X | | | X | | | | | | | | | | | 6 | |
| Lymph Node, Bronchial | + | + | + | + | M | + | + | M | M | + | + | + | + | + | + | M | + | + | + | + | + | + | M | + | + | + | 42 |
| Hepatocellular Carcinoma, Metastatic, Liver |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | |
| Lymphoma Malignant | X | X | X | | | | | | | | | | X | | | | | | | | | X | | | | 10 | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | M | + | + | + | M | + | + | M | M | | 38 |
| Lymphoma Malignant | X | X | X | | | | | | | | | | X | | | X | | | | | | | | | | 8 | |
| Lymph Node, Mediastinal | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 45 | |
| 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
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|-------------------------------|-------------|-----------------------|--|
| B6C3F1 MICE FEMALE
CONTROL | DAY ON TEST | 7
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| | * TOTALS | | |

Lymphoma Malignant X X X X X X X X 11

Sarcoma, Metastatic, Skin X X 1

Lymph Node, Mesenteric + 48

Histiocytic Sarcoma 1

Lymphoma Malignant X X X X X X X 11

Spleen + 50

Hemangiosarcoma 1

Histiocytic Sarcoma 1

Lymphoma Malignant X X X X X X X 9

Thymus + + + + + + + + + + + + + + + + + M + + + + + + + 49

Lymphoma Malignant X X X X X X 8

Sarcoma, Metastatic, Skin X X 1

INTEGUMENTARY SYSTEM

Mammary Gland + 50

Skin + 50

Subcutaneous Tissue, Sarcoma X X 2

MUSCULOSKELETAL 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | | | |
|-------------------------------|-------------|-----------------------|--|
| B6C3F1 MICE FEMALE
CONTROL | DAY ON TEST | 7
3
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2 | 7
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3 | 7
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| | * TOTALS | | |

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|---------------------------|----|
| Bone | + | 50 |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | + | | | | | | | 1 |
| Sarcoma, Metastatic, Skin | | | | | | | | | | | | | | | | | | | X | | | | | | | 1 |

NERVOUS SYSTEM

| | |
|--|----|
| Brain | + | 50 |
| Carcinoma, Metastatic, Pituitary Gland |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | | 1 |

RESPIRATORY SYSTEM

| | |
|---|----|
| Larynx | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Alveolar/Bronchiolar Adenoma | | X | | | | | | | | | X | | | | | | | | | | | | | | | 3 |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | | | X | | | | | | | | X | | | | | | | | 2 |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | | | | | | | X | | | X | | | | | | | 3 |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Lymphoma Malignant | | X | | | | | | | | | | X | | | | | | | | X | | | | | | 4 |
| Sarcoma, Metastatic, Skin | | | | | | | | | | | | | | | | | 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

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Lab: BNW

| | | | |
|-------------------------------|-------------|-----------------------|--|
| B6C3F1 MICE FEMALE
CONTROL | DAY ON TEST | 7
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| | * TOTALS | | |

| | |
|---|----|
| Nose | + | 50 |
| Lymphoma Malignant | X | | | | 1 |
| Pleura | | | | | | | | | | | + | | | | | | | | | | | | | | | 1 |
| Alveolar/Bronchiolar Carcinoma,
Metastatic, Lung | | | | | | | | | | | X | | | | | | | | | | | | | | | 1 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

SPECIAL SENSES SYSTEM

| | |
|--------------------|----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adenoma | | | | | | | X | | | | | | | | | X | | | | | | | | | | 4 |
| Lymphoma Malignant | | | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

URINARY SYSTEM

| | |
|---------------------|----|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Lymphoma Malignant | | | X | | | | | | | | | | X | | | | | | | X | | | | | | 6 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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

| | | |
|-------------------------------|-------------|----------|
| B6C3F1 MICE FEMALE
CONTROL | DAY ON TEST | 7
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9 | * TOTALS |

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|--------------------|---|---|
| Lymphoma Malignant | X | 3 |
|--------------------|---|---|

SYSTEMIC LESIONS

| | |
|---------------------|----|
| Multiple Organ | + | 50 |
| Histiocytic Sarcoma | | 1 |
| Lymphoma Malignant | X | X | X | | | | | | X | | | X | | X | | | X | | | X | | | | | | 13 |

* .. 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

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First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | | | |
|-----------------------------|-------------|----------------------|------------------|
| B6C3F1 MICE FEMALE
8 PPM | DAY ON TEST | 7
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ALIMENTARY SYSTEM

| |
|----------------------------------|
| Esophagus | + |
| Gallbladder | + | + | + | + | + | + | + | I | + | + | M | + | + | + | + | M | M | A | I | + | + | + | A | + | + |
| Intestine Large, Cecum | + | A | + | + |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | + | + |
| Histiocytic Sarcoma |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | + | + |
| Histiocytic Sarcoma |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | A | + | + | + |
| Carcinoma |
| Liver | + |
| Hemangioma |
| Hepatocellular Adenoma | | | | | | | | | | | 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | | DAY ON TEST | | |
|-----------------------------|-----------|---|----------------------|--|
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| B6C3F1 MICE FEMALE
8 PPM | ANIMAL ID | ----- | | females
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| Hepatocellular Carcinoma | | X | | | | | | | | | | X | | | | | | | | | | X | | | | | | |
| Histiocytic Sarcoma | | | | |
| Lymphoma Malignant | | X | | | | | X | | | | | | | | | | X | | | | | X | | | | | | |
| Mesentery | | ----- | | |
| Lymphoma Malignant | | + A + + | | |
| Pancreas | | ----- | | |
| Lymphoma Malignant | | X + X | | |
| Salivary Glands | | ----- | | |
| Lymphoma Malignant | | + X + + | | |
| Stomach, Forestomach | | ----- | | |
| Lymphoma Malignant | | + X | | |
| Stomach, Glandular | | ----- | | |
| Lymphoma Malignant | | + + + + + + + + + + + + + + + + + X + + | | |
| Tongue | | ----- | | |
| Squamous Cell Carcinoma | | + X | | |

CARDIOVASCULAR SYSTEM

| |
|-------|
| 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

Species/Strain: MICE/B6C3F1

CAS Number: 107-19-7

Lab: BNW

| | | | |
|-----------------------------|-------------|-------------|----------------------|
| B6C3F1 MICE FEMALE
8 PPM | DAY ON TEST | 7
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Histiocytic Sarcoma

X

ENDOCRINE SYSTEM

[illegible]

GENERAL BODY SYSTEM

NONE

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

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

TDMS No. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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| | | | |
|-----------------------------|----------------------|-------------|--------|
| B6C3F1 MICE FEMALE
8 PPM | DAY ON TEST | 7
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GENITAL SYSTEM

| |
|-----------------------------|
| Clitoral Gland | + | + | M | + | M | + | + | + | + | + | + | M | + | + | + | + | + | + | M | + | + | + | + | + |
| Ovary | + |
| Cystadenoma | | | | X | | | | | | | | | | | | | | | | | | | | X |
| Granulosa Cell Tumor Benign | | | X | |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | |
| Luteoma | | | | | | | | | | | X | | | | | | | | | | | | | |
| Lymphoma Malignant | | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | |
| Tubulostromal Adenoma |
| Uterus | + |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | |
| Lymphoma Malignant | | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | |
| Polyp Stromal |

HEMATOPOIETIC SYSTEM

| |
|---------------------------|
| Bone Marrow | + |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | |
| Lymph Node |
| Iliac, Lymphoma Malignant | |

* .. 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

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

females
(cont...)

Lumbar, Hemangiosarcoma

Renal, Lymphoma Malignant

Lymph Node, Bronchial

Lymphoma Malignant

Lymph Node, Mandibular

Lymphoma Malignant

Lymph Node, Mediastinal

Lymphoma Malignant

Lymph Node, Mesenteric

Histiocytic Sarcoma

Lymphoma Malignant

Spleen

Hemangiosarcoma

Lymphoma Malignant

Thymus

Lymphoma Malignant

INTEGUMENTARY 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

| | | | | | | |
|-----------------------------|--|-------------|--|----------------------|---|---|
| | | DAY ON TEST | | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 5 | 7 | females
(cont...) | | |
| | | | | 3 | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 1 | 3 | 3 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 1 | | 6 | 3 |
| | | | | 3 | 8 | 1 | 1 | 3 | 2 | 2 | 1 | 3 | 2 | 2 | 8 | 2 | 2 | 3 | 2 | 2 | 2 | 8 | 2 | 3 | 1 | 3 | | 7 | 5 |
| | | | | | | |
| B6C3F1 MICE FEMALE
8 PPM | | 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 | 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 |

Mammary Gland

+ +

Skin

+ +

Subcutaneous Tissue, Fibrous
Histiocytoma, Multiple

Subcutaneous Tissue, Histiocytic
Sarcoma

X

Subcutaneous Tissue, Liposarcoma

X

MUSCULOSKELETAL SYSTEM

Bone

+ +

Sarcoma

X

Skeletal Muscle

Hemangiosarcoma

NERVOUS SYSTEM

Brain

+ +

RESPIRATORY 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 5 | 7 | | |
|---|-----------|
| DAY ON TEST | | 3 | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 9 | 3 | 1 | 3 | 3 | 3 | 8 | 3 | 3 | 3 | 3 | 1 | 6 | 3 | |
| | | 3 | 8 | 1 | 1 | 3 | 2 | 2 | 1 | 3 | 2 | 2 | 8 | 2 | 2 | 3 | 2 | 2 | 8 | 2 | 3 | 1 | 3 | 7 | 5 | 2 |
| B6C3F1 MICE FEMALE
8 PPM | 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 | 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 |
| Larynx | | + | |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | |
| Lung | | + | |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | | | | X | | | X | | | | | X | |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | | | | | | | | | | X | X | | | | | | | | |
| Hepatocellular Carcinoma, Metastatic, Liver | |
| Histiocytic Sarcoma | |
| Liposarcoma, Metastatic, Skin | | | | | | | | | | | | | X | | | | | | | | | | | | | |
| Lymphoma Malignant | | | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | |
| Nose | | + | |
| Histiocytic Sarcoma | |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | |
| Respiratory Epithelium, Adenoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | | | |
| Trachea |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | |
| | |

SPECIAL SENSES SYSTEM

| |
|--------------------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X |
| Melanoma Benign |

* .. 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

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

Harderian Gland

+ A + +

Adenoma

X

Carcinoma

X

Lymphoma Malignant

X

URINARY SYSTEM

Kidney

+ +

Histiocytic Sarcoma

X

Lymphoma Malignant

X

X

Urinary Bladder

+ A + +

Histiocytic Sarcoma

X

Lymphoma Malignant

X

X

X

SYSTEMIC LESIONS

Multiple Organ

+ +

Histiocytic Sarcoma

X

Lymphoma Malignant

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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | | |
|-----------------------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE
8 PPM | DAY ON TEST | 7
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3 | 6
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9 | 7
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1 | 6
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9 | 4
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5 | 7
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| | ANIMAL ID | 0
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ALIMENTARY SYSTEM

| | |
|----------------------------------|----|
| Esophagus | + | 50 |
| Gallbladder | + | + | + | I | + | + | + | + | + | + | M | + | + | + | + | + | A | + | + | + | + | + | + | + | 40 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 48 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 48 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 48 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 47 |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | 1 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 47 |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | 1 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 47 |
| Carcinoma | | | | | | | | | | X | | | | | | | | | | | | | | | 1 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hemangioma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | 1 |
| Hepatocellular Adenoma | | | X | | | | | | | | | | | | X | X | | | | | X | X | | | 7 |
| Hepatocellular Adenoma, Multiple | | | | | 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | | DAY ON TEST | | | |
|-----------------------------|-----------|-----------------------|----|----|
| | | 7
3
1 | 7
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2 | 7
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2 | 7
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2 | 7
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2 | 7
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3 | 7
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2 | 7
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3 | 7
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3 | 7
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3 | 7
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3 | 7
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3 | 6
2
9 | 7
3
3 | 7
3
2 | 7
3
1 | 6
0
5 | 6
6
0 | 6
5
9 | 4
9
5 | 7
3
2 | | |
| | | | | | |
| B6C3F1 MICE FEMALE
8 PPM | ANIMAL ID | 0
0
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7 | 0
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9 | 0
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| | | | | | |
| Hepatocellular Carcinoma | | X | | | | X | | | | X | | | | | | | | | | | | | | | | 6 | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | X | | | | | | | | X | | 3 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | X | | X | | | | | | | | 6 |
| Mesentery | | + | | + | | | | + | | + | | | | | | | | | | | | | | + | | + | | 13 |
| Lymphoma Malignant | | | 1 | | |
| Pancreas | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 48 | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | X | | X | | X | | | | | | | | 5 |
| Salivary Glands | | + | 50 | |
| Lymphoma Malignant | | | | | | | | | | | | X | | | | | | | | | | | | | | X | | 5 |
| Stomach, Forestomach | | + | 50 | |
| Lymphoma Malignant | | | 1 | | |
| Stomach, Glandular | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 48 | |
| Lymphoma Malignant | | | 3 | | |
| Tongue | | | 1 | | |
| Squamous Cell Carcinoma | | | 1 | | |

CARDIOVASCULAR SYSTEM

| | |
|-------|----|
| 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

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

Histiocytic Sarcoma

1

ENDOCRINE SYSTEM

Adrenal Cortex

+ +

50

Histiocytic Sarcoma

X

1

Lymphoma Malignant

1

Capsule, Adenoma

1

Adrenal Medulla

+ + I + I + + + + + + + I + + + + + + + + + + + + +

46

Pheochromocytoma Benign

X

2

Islets, Pancreatic

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

48

Parathyroid Gland

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

36

Pituitary Gland

+ +

49

Pars Distalis, Adenoma

X

X

X

7

Thyroid Gland

+ +

50

Follicular Cell, Adenoma

X

X

3

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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

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| B6C3F1 MICE FEMALE
8 PPM | DAY ON TEST | 7
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GENITAL SYSTEM

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|-----------------------------|----|
| Clitoral Gland | + | M | + | + | 45 |
| Ovary | + | 50 |
| Cystadenoma | X | | | | 3 |
| Granulosa Cell Tumor Benign | | 1 |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | 2 |
| Luteoma | | | | | | | | | | | | X | | | | | | | | | | | | | | 2 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| Tubulostromal Adenoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | 1 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | X | | | | | | | X | | 3 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| Polyp Stromal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | 1 |

HEMATOPOIETIC SYSTEM

| | |
|---------------------------|----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 49 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Lymph Node | | | | + | | | | + | | + | | | | | | | | + | | | | | | | | 4 |
| Iliac, 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

| B6C3F1 MICE FEMALE
8 PPM | DAY ON TEST | 7
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| | * TOTALS | | |
| | Lumbar, Hemangiosarcoma | X | | 1 |
| | Renal, Lymphoma Malignant | X | | 2 |
| Lymph Node, Bronchial | + | + | + | + | + | + | + | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | M | + | 40 |
| Lymphoma Malignant | | | | | | | | | | | X | | | | X | | X | | X | | | | | | | 7 |
| Lymph Node, Mandibular | M | + | + | M | + | + | + | M | M | + | + | M | + | + | + | M | + | + | + | M | + | + | + | M | + | 33 |
| Lymphoma Malignant | | | | | | | | | X | | | | | | X | | | | X | | | | | | | 7 |
| Lymph Node, Mediastinal | + | + | M | M | + | + | M | + | + | + | + | M | + | + | + | + | + | + | M | + | + | + | + | M | + | 38 |
| Lymphoma Malignant | | | | | | | | | | | X | | | | X | | X | | X | | | | | | | 7 |
| Lymph Node, Mesenteric | + | + | M | + | + | 47 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | X | | | | | | X | | | 2 |
| Lymphoma Malignant | | | | | | | | | | X | | | | X | | X | | X | | | | | | | | 8 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 48 |
| Hemangiosarcoma | | | | | | | | X | | | | | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | | | | | | | | | X | | | | | X | | X | | X | | | | | | | | 8 |
| Thymus | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 47 |
| Lymphoma Malignant | | | | | | | | | | | | | | | X | | X | | | | | | | | | 3 |

INTEGUMENTARY 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

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|-----------------------------|--|-------------|-----------------------|
| B6C3F1 MICE FEMALE
8 PPM | | DAY ON TEST | 7
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| * TOTALS | | | |

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|--|----|
| Mammary Gland | + | 50 |
| Skin | + | 50 |
| Subcutaneous Tissue, Fibrous
Histiocytoma, Multiple | | | | X | | 1 |
| Subcutaneous Tissue, Histiocytic
Sarcoma | 1 |
| Subcutaneous Tissue, Liposarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

MUSCULOSKELETAL SYSTEM

| | |
|-----------------|----|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Skeletal Muscle | | | | | + | | 1 |
| Hemangiosarcoma | | | | | X | | 1 |

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

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* .. 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

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Lab: BNW

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| B6C3F1 MICE FEMALE
8 PPM | DAY ON TEST | | |
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| | | * TOTALS | | |
| Larynx | | + | 50 |
| Lymphoma Malignant | | | 1 |
| Lung | | + | 50 |
| Alveolar/Bronchiolar Adenoma | | | | | | | X | | | | | | | | | | | | | | | | | X | X | 6 |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | | | | | | X | | | | | | | | | | | | | 3 |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | X | | | | | | | | | | | | | | | | | | 1 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | X | | | | | | X | | 2 |
| Liposarcoma, Metastatic, Skin | | | 1 |
| Lymphoma Malignant | | | | | | | | | | | X | | | | | | X | | X | | | | | | | 5 |
| Nose | | + | 50 |
| Histiocytic Sarcoma | | | X | | 1 |
| Lymphoma Malignant | | | 1 |
| Respiratory Epithelium, Adenoma | | | | | | | | | | X | | | | | | | | | | | | | | | | 2 |
| Trachea | | + | 49 |

SPECIAL SENSES SYSTEM

| | |
|--------------------|----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 48 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Melanoma Benign |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

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Lab: BNW

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|-----------------------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE
8 PPM | DAY ON TEST | 7
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| | * TOTALS | |

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|--------------------|----|
| Harderian Gland | + | 49 |
| Adenoma | | | | | | | X | | | | | | | | | | | | | | | | | | 2 |
| Carcinoma | 1 |
| Lymphoma Malignant | | 1 |

URINARY SYSTEM

| | |
|---------------------|----|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | 2 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | X | | | | | | | | 3 |
| Urinary Bladder | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | 47 |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | 1 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |

SYSTEMIC LESIONS

| | |
|---------------------|----|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | X | | | | | | | X | | 3 |
| Lymphoma Malignant | | | | | | | | | | X | | | X | | X | | X | | | | | | | | 8 |

* .. 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

| | | | |
|------------------------------|-------------|----------------------|-----------------------|
| B6C3F1 MICE FEMALE
16 PPM | DAY ON TEST | 6
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1 | 0
0
5
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2 | 0
0
5
2
3 | 0
0
5
2
4 | | 0
0
5
2
5 |

females
(cont...)

ALIMENTARY SYSTEM

Esophagus

+ +

Gallbladder

A + + + + + + + I + + + + + + + + + + + + + + + + +

Lymphoma Malignant

Intestine Large, Cecum

A +

Intestine Large, Colon

A +

Intestine Large, Rectum

A +

Intestine Small, Duodenum

A +

Carcinoma

X

Intestine Small, Ileum

A +

Intestine Small, Jejunum

A +

Liver

+ +

Hepatocellular Adenoma

X X

Hepatocellular Adenoma, Multiple

X X

Hepatocholangiocarcinoma

X X

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

| | | |
|---|-------------|----------------------|
| B6C3F1 MICE FEMALE
16 PPM | DAY ON TEST | 6
6
4 | 7
0
0 | 7
3
2 | 7
1
2 | 7
3
2 | 7
3
3 | 7
3
3 | 7
1
8 | 7
3
3 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
3 | 7
3
3 | 7
3
1 | 7
3
2 | 5
0
9 | 7
3
3 | 7
3
3 | 7
3
1 | 7
3
3 | 7
3
1 | 5
4
4 | 4
3
6 | 7
3
3 | females
(cont...) |
| | ANIMAL ID | 0
0
5
0
1 | 0
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5
0
2 | 0
0
5
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3 | 0
0
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4 | 0
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6 | 0
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7 | 0
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5
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8 | 0
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5
0
9 | 0
0
5
1
0 | 0
0
5
1
1 | 0
0
5
1
2 | 0
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1
3 | 0
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5
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4 | 0
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5
1
5 | 0
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5
1
6 | 0
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7 | 0
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5
1
8 | 0
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5
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9 | 0
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5
2
0 | 0
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2
1 | 0
0
5
2
2 | 0
0
5
2
3 | 0
0
5
2
4 | 0
0
5
2
5 | |
| | | |
| | | |
| | | |
| Lymphoma Malignant | | X | |
| Mesentery | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | |
| Histiocytic Sarcoma | | |
| Pancreas | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | |
| Lymphoma Malignant | | |
| Salivary Glands | | |
| Lymphoma Malignant | | |
| Stomach, Forestomach | | |
| Lymphoma Malignant | | |
| Stomach, Glandular | | |
| Tooth | | |
| Histiocytic Sarcoma | | |

CARDIOVASCULAR 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

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

females
(cont...)

| |
|---------------------|
| Heart | + |
| Hemangiosarcoma |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X |

ENDOCRINE SYSTEM

| |
|--------------------------|
| Adrenal Cortex | + |
| Lymphoma Malignant |
| Capsule, Carcinoma |
| Adrenal Medulla | + |
| Pheochromocytoma Benign | |
| Islets, Pancreatic | + |
| Parathyroid Gland | + | M | + | + | M | M | M | + | M | M | M | M | M | + | + | + | + | + | + | M | + | M | + | + | M |
| Pituitary Gland | + |
| Histiocytic Sarcoma |
| Pars Distalis, Adenoma | | X | X | | | | | | | | | | | | | | | X | | | | | | | |
| Thyroid Gland | + |
| Follicular Cell, 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
BLANK .. Not examined microscopically

| | |
|----------------------------------|-------------------|
| B6C3F1 MICE FEMALE

16 PPM | DAY ON TEST | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 5 | 4 | 7 | |
| | | 6 | 0 | 3 | 1 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 |
| | | 4 | 0 | 2 | 2 | 2 | 3 | 3 | 8 | 3 | 2 | 2 | 2 | 3 | 3 | 1 | 2 | 9 | 3 | 3 | 1 | 3 | 1 | 4 | 6 | 3 |
| | |
| | ANIMAL ID | 0 |
| | | 0 |
| | | 5 |
| | | 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 |
| | females (cont...) | |

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

| |
|-----------------------------|
| Clitoral Gland | M | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | M | + | + | + | + | + | + | + |
| Ovary | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Granulosa Cell Tumor Benign | | | | | | | | | | | | | | | | | | X | | | | | | | |
| Hemangiosarcoma | | | | | | X | | | | | | | | | | | | | | | | | | | |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | |
| Lymphoma Malignant |
| Uterus | + |
| Carcinoma |
| Hemangiosarcoma | | | | | | X | | | | | | | | | | | | | | X | | | | | |
| Histiocytic Sarcoma |
| Polyp Stromal | | | | | | | | | | | | | | | | X | | | | | X | | X | | |

HEMATOPOIETIC SYSTEM

| |
|---------------------|
| Bone Marrow | + |
| 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

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

females
(cont...)

Lymphoma Malignant

Lymph Node

Sarcoma, Metastatic, Skin

Deep Cervical, Lymphoma Malignant

Lumbar, Lymphoma Malignant

Renal, Lymphoma Malignant

Lymph Node, Bronchial

Hepatocholangiocarcinoma, Metastatic,
Liver

Histiocytic Sarcoma

Lymphoma Malignant

Lymph Node, Mandibular

Lymphoma Malignant

Lymph Node, Mediastinal

Hepatocholangiocarcinoma, Metastatic,
Liver

Histiocytic Sarcoma

Lymphoma Malignant

Sarcoma, Metastatic, Skin

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

| | | |
|------------------------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE
16 PPM | DAY ON TEST | 6
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4 | 7
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2 | 5
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9 | 7
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| | ANIMAL ID | 0
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4 | 0
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5 |
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| | | |

females (cont...)

Lymphoma Malignant
Sarcoma, Metastatic, Skin

| |
|---------------------|
| Spleen | + |
| Hemangiosarcoma |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | X | | | | | | |

| | |
|--|---|
| Thymus | + |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung | |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | |
| Lymphoma Malignant |

INTEGUMENTARY SYSTEM

| |
|------------------------------|
| Mammary Gland | + |
| Fibroadenoma |
| Skin | + |
| Subcutaneous Tissue, Sarcoma | |

MUSCULOSKELETAL 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

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

females
(cont...)

| | |
|---|---|
| Bone | + |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | |
| Skeletal Muscle | | | | + | | | | | | | | | | | | | | | | | | | | + | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | X | |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | |

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

| | |
|---|---|
| Larynx | + |
| Lung | + |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | X | | | | | | | | | | | | | |
| Alveolar/Bronchiolar Carcinoma, Multiple | | | | | | | | | X | | | | | | | | | | | | | | | | |
| Hemangiosarcoma, Metastatic, Uterus |
| Hepatocholangiocarcinoma, Metastatic, Liver | | | | X | |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | |
| Lymphoma Malignant |

* .. 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

| | | |
|----------------------------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE

16 PPM | DAY ON TEST | 6
6
4 | 7
0
0 | 7
3
2 | 7
1
2 | 7
3
2 | 7
3
3 | 7
3
3 | 7
1
8 | 7
3
3 | 7
3
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3
2 | 7
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3 | 7
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3 | 7
3
1 | 7
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2 | 5
0
9 | 7
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3 | 7
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3 | 7
3
1 | 7
3
3 | 5
4
4 | 4
3
6 | 7
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3 | |
| | ANIMAL ID | 0
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5 | 0
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6 | 0
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7 | 0
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8 | 0
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5
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9 | 0
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5
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0 | 0
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1 | 0
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2 | 0
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3 | 0
0
5
2
4 | 0
0
5
2
5 |
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| | | |
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| | | |
| | | |
| | | |

females (cont...)

| |
|---------------------------------|
| Nose | + |
| Histiocytic Sarcoma | X | |
| Respiratory Epithelium, Adenoma | | | | | | | | | | | | | | X | | | | | X | | | | | | |
| Trachea | + |

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

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

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

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

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

ALIMENTARY SYSTEM

| | |
|----------------------------------|----|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Gallbladder | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | M | + | A | + | + | 45 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | X | | | | | | | | | | 1 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | 47 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | 48 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | 48 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | 48 |
| Carcinoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | 47 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | 47 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hepatocellular Adenoma | | X | | | | | | | | | | | X | | X | | | | | | | | | | | 9 |
| Hepatocellular Adenoma, Multiple | | | | | | | | | | X | | | | | | | | | | | | | | | | 3 |
| Hepatocholangiocarcinoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Histiocytic Sarcoma | | | | | | | | | | 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
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TDMS No. 97008 - 06

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Route: RESPIRATORY EXPOSURE WHOLE BODY

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Time Report Reqsted: 13:00:41

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Lab: BNW

| | | DAY ON TEST | | | | | |
|---|--|-----------------------|------------------|----------|---|---|--|
| | | 7
3
2 | 6
9
1 | 5
6
5 | 6
2
0 | 7
3
3 | 7
3
3 | 7
3
2 | 7
3
2 | 7
3
1 | 6
5
9 | 5
2
6 | 7
3
2 | 7
3
3 | 7
3
1 | 4
6
7 | 5
8
6 | 7
3
2 | 7
3
2 | 5
7
9 | 7
3
3 | 7
3
3 | 6
8
3 | 6
2
0 | 7
3
2 | | | | | |
| | | ----- | | | | | |
| B6C3F1 MICE FEMALE | | ANIMAL ID | | | | | |
| 16 PPM | | 0
0
5
2
6 | 0
0
5
2
7 | 0
0
5
2
8 | 0
0
5
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9 | 0
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6 | 0
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7 | 0
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4
8 | 0
0
5
4
9 | 0
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5
0 | * TOTALS | | | |
| Lymphoma Malignant | | X | | X | X | X | 5 | |
| Mesentery | | ----- | | | | | |
| Hepatocholangiocarcinoma, Metastatic, Liver | | + | | + | 7 | | | |
| Histiocytic Sarcoma | | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | | | | |
| Pancreas |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Hepatocholangiocarcinoma, Metastatic, Liver |  | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | | | | |
| Lymphoma Malignant | | X | | X | X | 3 | | |
| Salivary Glands |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Lymphoma Malignant | | X | | X | 2 | | | |
| Stomach, Forestomach |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | | | |
| Lymphoma Malignant | | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | | | | |
| Stomach, Glandular | | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | 48 | | | | |
| Tooth |  | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | | | | |
| Histiocytic Sarcoma |  | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | | | | |

CARDIOVASCULAR 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | | |
|------------------------------|-------------|-------------|
| B6C3F1 MICE FEMALE
16 PPM | DAY ON TEST | 7
3
2 | 6
9
1 | 5
6
5 | 6
2
0 | 7
3
3 | 7
3
3 | 7
3
2 | 7
3
2 | 7
3
1 | 6
5
9 | 5
2
6 | 7
3
2 | 7
3
3 | 7
3
1 | 4
6
7 | 5
8
6 | 7
3
2 | 7
2
2 | 7
3
2 | 5
7
9 | 7
3
3 | 7
3
3 | 6
8
3 | 6
2
0 | 7
3
2 |
| | <div></div> | | |
| | ANIMAL ID | 0
0
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2
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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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5 | 0
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| | * TOTALS | | |

| | |
|---------------------|----|
| Heart | + | 50 |
| Hemangiosarcoma | | | | | | | | | | | | | | | | X | | | | | | | | | | 1 |
| Histiocytic Sarcoma | | 1 |

ENDOCRINE SYSTEM

| | |
|--------------------------|----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | X | | | | | | | | | | 1 |
| Capsule, Carcinoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Pheochromocytoma Benign |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Parathyroid Gland | + | + | + | M | M | + | M | + | + | + | + | + | + | + | M | + | + | + | M | M | M | + | + | + | M | 30 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | I | + | + | 48 |
| Histiocytic Sarcoma | | | | | | | | | | | X | | | | | | | | | | | | | | | 1 |
| Pars Distalis, Adenoma | | | | X | | | | | | X | | | X | | | | | | | | | | | X | | 7 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Follicular Cell, Adenoma | | | | | | | | | | | | | | | | | | 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

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PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Reqsted: 07/11/2006

Time Report Reqsted: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | DAY ON TEST | 7 | 6 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 4 | 5 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 6 | 7 |
|--------------------|-------------|----------|
| | | 3 | 9 | 6 | 2 | 3 | 3 | 3 | 3 | 3 | 5 | 2 | 3 | 3 | 3 | 6 | 8 | 3 | 2 | 3 | 7 | 3 | 3 | 8 | 2 | 3 |
| | | 2 | 1 | 5 | 0 | 3 | 3 | 2 | 2 | 1 | 9 | 6 | 2 | 3 | 1 | 7 | 6 | 2 | 2 | 2 | 9 | 3 | 3 | 3 | 0 | 2 |
| B6C3F1 MICE FEMALE | | 0 | 0 |
| ANIMAL ID | | 0 | 0 |
| 16 PPM | | 5 | 5 |
| | | 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 | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland

+ + M + + + + + + + + + + + + + + + + + M + + M 44

Ovary

+ 49

Granulosa Cell Tumor Benign

1

Hemangiosarcoma

1

Histiocytic Sarcoma

X

2

Lymphoma Malignant

X

X

2

Uterus

+ 50

Carcinoma

X

1

Hemangiosarcoma

X

X

4

Histiocytic Sarcoma

X

1

Polyp Stromal

3

HEMATOPOIETIC SYSTEM

Bone Marrow

+ 50

Histiocytic Sarcoma

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. 97008 - 06

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Route: RESPIRATORY EXPOSURE WHOLE BODY

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CAS Number: 107-19-7

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Lab: BNW

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* .. 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. 97008 - 06

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PROPARGYL ALCOHOL

CAS Number: 107-19-7

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First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

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

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|---------------------------|--|--|--|---|---|--|--|--|--|---|--|--|--|--|--|--|---|--|--|---|--|--|--|--|--|---|
| Lymphoma Malignant | | | | | X | | | | | X | | | | | | | X | | | X | | | | | | 4 |
| Sarcoma, Metastatic, Skin | | | | X | | | | | | | | | | | | | | | | | | | | | | 1 |

| | |
|---------------------|----|
| Spleen | + | 50 |
| Hemangiosarcoma | | | | | | | | | | | | | | | | X | | | | | | | | | | 1 |
| Histiocytic Sarcoma | | | | | | | | | | | X | | | | | | | | | | | | | | | 2 |
| Lymphoma Malignant | | | | | X | | | | | | | | | | | | X | | | X | | | | | | 4 |

| | |
|--|----|
| Thymus | + | + | + | + | + | + | + | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | + | + | + | 48 |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung | | | | | | | | | | | | | | X | | | | | | | | | | | | 1 |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Lymphoma Malignant | | | | | X | | | | | | | | | | | | X | | | X | | | | | | 3 |

INTEGUMENTARY SYSTEM

| | |
|------------------------------|----|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Fibroadenoma | | | | | | | | | | | | | | | | X | | | | | | | | | | 1 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Subcutaneous Tissue, Sarcoma | | | | X | | | | | | | X | | | | | | | | | | | | | | | 2 |

MUSCULOSKELETAL 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. 97008 - 06

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

| | |
|---------------------|----|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

| | |
|---|---|
| Skeletal Muscle |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| Hepatocholangiocarcinoma, Metastatic, Liver |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

| | |
|--------|----|
| Larynx | + | 50 |
|--------|----|

| | |
|---|----|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Alveolar/Bronchiolar Adenoma | | | | | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| Alveolar/Bronchiolar Carcinoma, Multiple | | | | | | | | | | | | | | X | | | | | | | | | | | | 2 |
| Hemangiosarcoma, Metastatic, Uterus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | | | 1 |
| Hepatocholangiocarcinoma, Metastatic, Liver |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Histiocytic Sarcoma | | | | | | | | | | | X | | | | | | | | | | | | | | | 2 |
| Lymphoma Malignant | | | | X | | | | | | | | | | | | X | | | | | | | | | | 2 |

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

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|------------------------------|-------------|---|----------|
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16 PPM | DAY ON TEST | 7 | 6 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 5 | 7 | 7 | 7 | 4 | 5 | 7 | 7 | 7 | 5 | 7 | 7 | 6 | 6 | 7 |
| | | 3 | 9 | 6 | 2 | 3 | 3 | 3 | 3 | 3 | 5 | 2 | 3 | 3 | 3 | 6 | 8 | 3 | 2 | 3 | 7 | 3 | 3 | 8 | 2 | 3 |
| | | 2 | 1 | 5 | 0 | 3 | 3 | 2 | 2 | 1 | 9 | 6 | 2 | 3 | 1 | 7 | 6 | 2 | 2 | 2 | 9 | 3 | 3 | 3 | 0 | 2 |
| | | | |
| | ANIMAL ID | 0 | 0 | 0 |
| | | 0 | 0 | 0 |
| | | 5 | 5 | 5 |
| | | 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 | |

| | |
|---------------------------------|----|
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Respiratory Epithelium, Adenoma | | | | | | | | | | | | | | | | | | | X | | | | X | | | 4 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |

SPECIAL SENSES SYSTEM

| | |
|--------------------|----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adenoma | X | | | | | | X | | | | | | | X | | | | | | | | | | X | | 5 |
| Carcinoma | | | | | | X | | | | | | | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | X | | | | | | | | | | 1 |

URINARY SYSTEM

| | |
|--------------------|----|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymphoma Malignant | | | | X | | | | | | | | | | | | X | | | | | | | | | | 3 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | A | + | + | 48 |
| Lymphoma Malignant | | | | X | | | | | | | | | | | | X | | | 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

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

SYSTEMIC LESIONS

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

| | | |
|------------------------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE
32 PPM | DAY ON TEST | 7
3
3 | 7
3
2 | 7
3
3 | 5
2
3 | 7
3
3 | 7
3
2 | 7
3
3 | 7
3
2 | 7
3
2 | 0
8
1 | 3
8
8 | 7
3
2 | 7
3
3 | 7
3
2 | 7
3
2 | 7
3
2 | 6
4
2 | 7
3
1 | 6
7
7 | 7
3
1 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
1 |
| | ANIMAL ID | 0
0
7
0
1 | 0
0
7
0
2 | 0
0
7
0
3 | 0
0
7
0
4 | 0
0
7
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5 | 0
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7
0
6 | 0
0
7
0
7 | 0
0
7
0
8 | 0
0
7
0
9 | 0
0
7
1
0 | 0
0
7
1
1 | 0
0
7
1
2 | 0
0
7
1
3 | 0
0
7
1
4 | 0
0
7
1
5 | 0
0
7
1
6 | 0
0
7
1
7 | 0
0
7
1
8 | 0
0
7
2
9 | 0
0
7
2
0 | 0
0
7
2
1 | 0
0
7
2
2 | 0
0
7
2
3 | 0
0
7
2
4 |
| | | |
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ALIMENTARY SYSTEM

| |
|---------------------------|
| Esophagus | + |
| Gallbladder | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | I | + | + | + | + |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | X | | | | | | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | X | | | | | | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Liver | + |
| Hemangiosarcoma | | | | | | | | | | | | X | | | | | | | | | | | | |
| Hepatocellular Adenoma | | | | X | |
| 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Reqsted: 07/11/2006

Time Report Reqsted: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | DAY ON TEST | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 0 | 3 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 |
|------------------------------|-------------|
| | | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 8 | 8 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 7 | 3 | 3 | 3 | 3 | 3 |
| | | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 1 | 8 | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 7 | 1 | 2 | 2 | 1 |
| B6C3F1 MICE FEMALE
32 PPM | ANIMAL ID | 0 |
| | | 0 |
| | | 7 |
| | | 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 |

females
(cont...)

Lymphoma Malignant

X

ENDOCRINE SYSTEM

Adrenal Cortex

+ +

Hemangiosarcoma

X

Histiocytic Sarcoma

X

Lymphoma Malignant

Adrenal Medulla

+ +

Pheochromocytoma Benign

X

Pheochromocytoma Malignant

X

Islets, Pancreatic

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

Histiocytic Sarcoma

X

Parathyroid Gland

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

Pituitary Gland

+ +

Histiocytic Sarcoma

Lymphoma Malignant

X

Pars Distalis, Adenoma

X

X

X

Pars Intermedia, 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
BLANK .. Not examined microscopically

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

Thyroid Gland

+ +

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | |
|--------------------------------|---|
| Clitoral Gland | + + M + + + + + + M M I + + + + M + + + + + + + + |
| Ovary | + |
| Histiocytic Sarcoma | X |
| Lymphoma Malignant | |
| Osteosarcoma, Metastatic, Bone | |
| Tubulostromal Adenoma | X |
| Uterus | + + + + + + + + + + A + + + + + + + + + + + + + |
| Histiocytic Sarcoma | X |
| Polyp Stromal | X |
| Sarcoma Stromal | X |

HEMATOPOIETIC SYSTEM

| | |
|---------------------|---|
| Bone Marrow | + |
| 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

| | | DAY ON TEST | | | | |
|------------------------------|-----------|----------------------|---|---|---|
| | | 7
3
3 | 7
3
2 | 7
3
3 | 5
2
3 | 7
3
3 | 7
3
2 | 7
3
3 | 7
3
2 | 7
3
3 | 0
8
1 | 3
8
8 | 7
3
2 | 7
3
2 | 7
3
3 | 7
3
2 | 7
3
2 | 6
4
2 | 7
3
1 | 6
7
7 | 7
3
1 | 7
3
2 | 7
3
2 | 7
3
2 | 7
3
1 | | | | | |
| | | | | | | |
| B6C3F1 MICE FEMALE
32 PPM | ANIMAL ID | 0
0
7
0
1 | 0
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7
0
2 | 0
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7
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3 | 0
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4 | 0
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7
2
1 | 0
0
7
2
2 | 0
0
7
2
3 | 0
0
7
2
4 | 0
0
7
2
5 | | | | |
| | | | females
(cont...) | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Lymphoma Malignant | | | X | | | |
| Lymph Node | | | + | + | + | |
| Lymphoma Malignant | | | X | | | |
| Iliac, Lymphoma Malignant | | | X | | |
| Lumbar, Lymphoma Malignant | | | | X | |
| Renal, Histiocytic Sarcoma | | | | | X | |
| Renal, Lymphoma Malignant | | | X | | |
| Lymph Node, Bronchial | | + | + | + | + | + | M | + | M | M | + | + | + | + | + | + | + | + | M | + | M | + | M | M | M | + | | | | |
| Lymphoma Malignant | | | | | |
| Lymph Node, Mandibular | | + | + | M | + | M | M | + | + | + | M | M | + | + | + | + | + | M | + | + | M | + | + | + | M | I | | | | |
| Histiocytic Sarcoma | | | | | |
| Lymphoma Malignant | | | X | | |

females
(cont...)

* .. 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

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

females
(cont...)

| | | |
|--------------------------------|--|--|
| Spleen | + | | |
| Hemangiosarcoma | | | | | | | | | | | | | X | | | | | | | | | | | | | | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | X | | | | | | | | |
| Lymphoma Malignant | | | | | | | | | X | | X | | | | | | | | | | | | | | | | |
| Osteosarcoma, Metastatic, Bone | | |
| <hr/> | | |
| Thymus | + | | |
| Lymphoma Malignant | | | | | | | | | X | | | | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

| |
|------------------------------|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Carcinoma | | | | | | | | | X | | | X | | | | | | | | | | | | |
| Skin | + |
| Subcutaneous Tissue, Sarcoma | |

MUSCULOSKELETAL SYSTEM

| |
|--------------|
| Bone | + |
| Osteosarcoma | |

NERVOUS 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 0 | 3 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | |
|--|-----------|
| DAY ON TEST | | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 8 | 8 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | |
| | | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 1 | 8 | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 7 | 1 | 2 | 2 | 1 | |
| B6C3F1 MICE FEMALE
32 PPM | ANIMAL ID | 0 | |
| | | 0 | |
| | | 7 | |
| | | 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 |
| Brain | | + | |
| Histiocytic Sarcoma | |
| Spinal Cord | |
| Osteosarcoma, Metastatic, Bone | |
| RESPIRATORY SYSTEM | |
| Larynx | | + | |
| Lung | | + | |
| Alveolar/Bronchiolar Adenoma | |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | | | | | | | | | | | | | X | | | | | | |
| Alveolar/Bronchiolar Carcinoma, Multiple | | | | | | | | | | X | | | | | | | | | | | | | | | | |
| Carcinoma, Metastatic, Harderian Gland | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | X | | | | | | | |
| Lymphoma Malignant | | | | | | | | | | X | | | | | | | | | | | | | | | | |
| Osteosarcoma, Metastatic, Bone | |
| Nose | | + | |
| Histiocytic Sarcoma | |
| Respiratory Epithelium, Adenoma | | | | | | | | | X | | X | | | | | | | | | | | X | | | | |
| Trachea | | + | |

* .. 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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TDMS No. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Reqsted: 07/11/2006

Time Report Reqsted: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 0 | 3 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | | |
|------------------------------|-----------|-------------------|
| DAY ON TEST | | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 8 | 8 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 7 | 3 | 3 | 3 | 3 | 3 | | |
| | | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 1 | 8 | 2 | 2 | 3 | 2 | 2 | 2 | 1 | 7 | 1 | 2 | 2 | 2 | | |
| | | |
| B6C3F1 MICE FEMALE
32 PPM | ANIMAL ID | 0 | | |
| | | 0 | | |
| | | 7 | | |
| | | 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...)

Histiocytic Sarcoma
Lymphoma Malignant

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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Requested: 07/11/2006

Time Report Requested: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | | |
|------------------------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE
32 PPM | DAY ON TEST | 7
3
3 | 7
3
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3
3 | 6
2
6 | 7
3
2 | 7
3
3 | 6
6
3 | 7
3
3 | 6
5
8 | 7
1
8 | 7
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3 | 7
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1 | 7
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8 | 7
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3
2 | 7
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2 | 1
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7 | 2
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| | ANIMAL ID | 0
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| | * TOTALS | |

ALIMENTARY SYSTEM

| | |
|---------------------------|----|
| Esophagus | + | 50 |
| Gallbladder | + | + | + | + | + | M | + | + | + | + | I | + | + | + | I | + | + | + | + | + | I | + | + | + | 44 |
| Histiocytic Sarcoma | 1 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hemangiosarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Hepatocellular Adenoma | X | | | | | | | | | | | | X | | X | | | | | | | | | | 4 |
| Histiocytic Sarcoma | | | | | | | | | | X | | | | | | | | | | | | | | | 2 |
| Lymphoma Malignant | | | | X | | | | | | | | | | | | 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Reqsted: 07/11/2006

Time Report Reqsted: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| B6C3F1 MICE FEMALE
32 PPM | DAY ON TEST | 7
3
3 | 7
3
1 | 7
3
3 | 6
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6 | 7
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3 | 7
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3 | 6
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8 | 7
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8 | 7
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8 | 7
3
3 | 7
3
2 | 7
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2 | 1
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7 | 2
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9 | 7
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3 | 7
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|--------------------------------|-------------|-----------------------|----|
| | ANIMAL ID | 0
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| | * TOTALS | | |
| Osteosarcoma, Metastatic, Bone | | | | | | | | | | | | | | | | X | | | | | | | | | 1 | |
| Mesentery | | | | + | | | | | | | | + | | | | | + | | | | + | | | | | 5 |
| Osteosarcoma, Metastatic, Bone | | | | | | | | | | | | | | | | X | | | | | | | | | | 1 |
| Pancreas | | + | 49 |
| Histiocytic Sarcoma | | | 1 |
| Lymphoma Malignant | | | | | X | | 1 |
| Sarcoma, Metastatic, Skin | | | | | | | | | X | | | | | | | | | | | | | | | | | 1 |
| Salivary Glands | | + | 50 |
| Lymphoma Malignant | | | | | X | | 1 |
| Stomach, Forestomach | | + | 50 |
| Histiocytic Sarcoma | | | 1 |
| Stomach, Glandular | | + | 49 |
| Histiocytic Sarcoma | | | 1 |

CARDIOVASCULAR SYSTEM

| | |
|---------------------|----|
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Hemangiosarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Histiocytic Sarcoma | | | | | | | | | | 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. 97008 - 06

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Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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Lab: BNW

| | | |
|------------------------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE
32 PPM | DAY ON TEST | 7
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Lymphoma Malignant

1

ENDOCRINE SYSTEM

| | |
|----------------------------|----|
| Adrenal Cortex | + | 50 |
| Hemangiosarcoma | 1 |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Lymphoma Malignant | | | | | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Pheochromocytoma Benign |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Pheochromocytoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Histiocytic Sarcoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Parathyroid Gland | M | M | + | + | M | + | + | M | M | + | M | + | + | + | + | + | M | + | + | + | + | M | M | + | + | 33 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Histiocytic Sarcoma | | | | | | | | | X | | | | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Pars Distalis, Adenoma | | | | | | | | | | | X | | | | | | | | | | | | | X | | 5 |
| Pars Intermedia, Adenoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 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. 97008 - 06

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Species/Strain: MICE/B6C3F1

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Lab: BNW

| | | |
|------------------------------|---|-----------------------|
| B6C3F1 MICE FEMALE
32 PPM | DAY ON TEST | 7
3
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| | * TOTALS |

| | |
|---------------|----|
| Thyroid Gland | + | 50 |
|---------------|----|

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | |
|--------------------------------|----|
| Clitoral Gland | M | + | + | + | + | + | M | + | M | + | + | + | + | M | M | M | + | + | + | M | + | + | + | I | + | 37 |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | 49 |
| Histiocytic Sarcoma | | | | | | | | | X | | | | | | | | | | | | | | | | | 2 |
| Lymphoma Malignant | | | | X | | | | | | | | | | | | X | | | | | | | | | | 2 |
| Osteosarcoma, Metastatic, Bone | | | | | | | | | | | | | | | | X | | | | | | | | | | 1 |
| Tubulostromal Adenoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Histiocytic Sarcoma | | | | | | | | | X | | | | | | | | | | | | | | | | | 2 |
| Polyp Stromal | | | | | | | | | | | | | | X | | | | | | | | | | | | 2 |
| Sarcoma Stromal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

HEMATOPOIETIC SYSTEM

| | |
|---------------------|----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Histiocytic Sarcoma | | | | | | | | | 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

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Lab: BNW

| | | DAY ON TEST | | |
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| B6C3F1 MICE FEMALE
32 PPM | ANIMAL ID | 0
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| | | * TOTALS | | |
| Lymphoma Malignant | | | 1 | |
| Lymph Node | | ----- | | 4 | |
| Lymphoma Malignant | | | 1 | |
| Iliac, Lymphoma Malignant | | | 1 | |
| Lumbar, Lymphoma Malignant | | | 2 | |
| Renal, Histiocytic Sarcoma | | | 1 | |
| Renal, Lymphoma Malignant | | | 2 | |
| Lymph Node, Bronchial | | + | M | + | + | + | + | + | + | M | M | + | + | + | + | M | M | + | M | M | M | + | M | M | + | 32 | |
| Lymphoma Malignant | | | 2 | |
| Lymph Node, Mandibular | | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | M | + | + | + | + | 39 | |
| Histiocytic Sarcoma | | | 1 | |
| Lymphoma Malignant | | | 4 | |
| Lymph Node, Mediastinal | | + | + | + | + | M | M | + | M | M | + | + | + | + | M | + | + | + | + | + | M | M | + | + | M | + | 33 |
| Histiocytic Sarcoma | | | 1 | |
| Lymphoma Malignant | | | 4 | |
| Lymph Node, Mesenteric | | + | 49 | |
| Histiocytic Sarcoma | | | 1 | |
| Lymphoma Malignant | | | 5 | |

* .. 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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| | | |
|------------------------------|-------------|------------------|
| B6C3F1 MICE FEMALE
32 PPM | DAY ON TEST | 7
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| | * TOTALS | | |

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|--------------------------------|----|
| Spleen | + | 50 |
| Hemangiosarcoma | 1 |
| Histiocytic Sarcoma | 1 |
| Lymphoma Malignant | | | | X | | | | | | | | | | | X | | | X | | | | | | | | 5 |
| Osteosarcoma, Metastatic, Bone | | | | | | | | | | | | | | | | X | | | | | | | | | | 1 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |

INTEGUMENTARY SYSTEM

| | |
|------------------------------|----|
| Mammary Gland | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Carcinoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Subcutaneous Tissue, Sarcoma | | | | | | | X | | | | | | | X | | | | | | | | | | | | 2 |

MUSCULOSKELETAL SYSTEM

| | |
|--------------|----|
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Osteosarcoma | | | | | | | | | | | | | | | | X | | | | | | | | | | 1 |

NERVOUS 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

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First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 1 | 2 | 7 | 7 | 7 | 7 | |
|--|-----------|----------|----|
| DAY ON TEST | | 3 | 3 | 3 | 2 | 3 | 3 | 6 | 3 | 5 | 1 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 1 | 1 | 3 | 3 | 3 | 3 | |
| | | 3 | 1 | 3 | 6 | 2 | 3 | 3 | 3 | 8 | 8 | 3 | 3 | 1 | 3 | 3 | 8 | 3 | 2 | 2 | 7 | 9 | 1 | 2 | 3 | 3 |
| B6C3F1 MICE FEMALE
32 PPM | ANIMAL ID | 0 | 0 | |
| | | 0 | 0 | |
| | | 7 | 7 | |
| | | 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 | |
| Brain |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Histiocytic Sarcoma | | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Spinal Cord |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Osteosarcoma, Metastatic, Bone | | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| RESPIRATORY SYSTEM | | | |
| Larynx |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Lung |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Alveolar/Bronchiolar Adenoma | | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |
| Alveolar/Bronchiolar Carcinoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Alveolar/Bronchiolar Carcinoma, Multiple |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Carcinoma, Metastatic, Harderian Gland | | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Histiocytic Sarcoma | | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| Lymphoma Malignant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| Osteosarcoma, Metastatic, Bone | | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Nose |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Histiocytic Sarcoma | | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
| Respiratory Epithelium, Adenoma |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 6 |
| Trachea |  | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 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

| | | |
|------------------------------|-------------|----------|
| B6C3F1 MICE FEMALE
32 PPM | DAY ON TEST | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 1 | 2 | 7 | 7 | 7 | 7 |
| | | 3 | 3 | 3 | 2 | 3 | 3 | 6 | 3 | 5 | 1 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 1 | 1 | 3 | 3 | 3 |
| | | 3 | 1 | 3 | 6 | 2 | 3 | 3 | 3 | 8 | 8 | 3 | 3 | 1 | 3 | 3 | 8 | 3 | 2 | 2 | 7 | 9 | 1 | 2 | 3 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 7 | 7 |
| | | 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 | |
| | | |

SPECIAL SENSES SYSTEM

| | |
|---------------------|----|
| Eye | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | 48 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adenoma | | | X | | | | | | | | | | X | | | | | | | | | | | | | 3 |
| Carcinoma | | | | | | | | | | | | | | | | X | | | | | | | | | | 2 |
| Histiocytic Sarcoma | | | | | | | | | | X | | | | | | | | | | | | | | | | 1 |

URINARY SYSTEM

| | |
|------------------------------------|----|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Histiocytic Sarcoma | | | | | | | | | | X | | | | | | | | | | | | | | | | 2 |
| Lymphoma Malignant | | | | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| Osteosarcoma, Metastatic, Bone | | | | | | | | | | | | | | | | X | | | | | | | | | | 1 |
| Transitional Epithelium, Carcinoma | | | | | | | | | | | | X | | | | | | | | | | | | | | 1 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| 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. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

PROPARGYL ALCOHOL

CAS Number: 107-19-7

Date Report Reqsted: 07/11/2006

Time Report Reqsted: 13:00:41

First Dose M/F: 09/17/01 / 09/17/01

Lab: BNW

| | | |
|------------------------------|-------------|-----------------------|
| B6C3F1 MICE FEMALE
32 PPM | DAY ON TEST | 7
3
3 | 7
3
1 | 7
3
3 | 6
2
6 | 7
3
2 | 7
3
3 | 6
6
3 | 7
3
3 | 6
5
8 | 7
1
8 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 7
3
3 | 6
2
8 | 7
3
3 | 7
3
2 | 7
3
2 | 1
1
7 | 2
1
9 | 7
3
1 | 7
3
2 | 7
3
3 | 7
3
3 |
| | <div></div> | |
| | ANIMAL ID | 0
0
7
2
6 | 0
0
7
2
7 | 0
0
7
2
8 | 0
0
7
2
9 | 0
0
7
3
0 | 0
0
7
3
1 | 0
0
7
3
2 | 0
0
7
3
3 | 0
0
7
3
4 | 0
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7
3
5 | 0
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7
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6 | 0
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7
3
7 | 0
0
7
3
8 | 0
0
7
3
9 | 0
0
7
4
0 | 0
0
7
4
1 | 0
0
7
4
2 | 0
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7
4
3 | 0
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4 | 0
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6 | 0
0
7
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7 | 0
0
7
4
8 | 0
0
7
4
9 | 0
0
7
5
0 |
| | | |
| | * TOTALS | |

Histiocytic Sarcoma

Lymphoma Malignant

X

X

X

X

2

6

*** END OF REPORT ***

* .. 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