

TDMS No. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Note: Animals arranged according to days on test.

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

males
(cont...)

ALIMENTARY SYSTEM

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

males
(cont...)

ENDOCRINE SYSTEM

Adrenal Cortex

Sarcoma, Metastatic, Uncertain Primary
Site

Capsule, Adenoma

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

Adrenal Medulla

+	+	+	+	+	+	+	+	+	+	+	M	A	+	+	+	+	+	+	+	+	+	+	+	+	+
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Islets, Pancreatic

Adenoma

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

Parathyroid Gland

+	+	M	+	M	M	+	+	M	+	+	+	A	+	+	+	+	M	+	+	I	+	+	M	+	M
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Pituitary Gland

+	+	+	+	+	+	+	+	+	+	+	+	I	+	M	I	+	+	+	+	+	+	+	+	+	+
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Thyroid Gland

+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

GENERAL BODY SYSTEM

Peritoneum

Sarcoma, Metastatic, Uncertain Primary
Site

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

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Uncertain Primary Site	X																							
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node																								
Lymph Node, Bronchial	M	+	+	+	+	+	M	+	M	+	+	M	+	+	M	+	M	+	M	+	+	+	+	+
Sarcoma, Metastatic, Uncertain Primary Site	X																							
Lymph Node, Mandibular	+	M	M	+	M	+	+	+	+	M	+	M	+	M	M	+	+	M	+	+	+	M	+	M

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		4	4	5	5	5	5	5	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B6C3F1 MICE MALE CONTROL		2	1	5	2	2	4	4	3	4	1	3	0	4	0	0	0	1	1	1	1	2	2	2	2	3
		6	7	0	9	3	1	7	2	6	8	9	5	8	4	8	9	1	2	4	5	0	1	4	5	0

males
(cont...)

Carcinoma, Metastatic, Harderian Gland

X

Lymph Node, Mediastinal

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

Lymph Node, Mesenteric

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

Sarcoma, Metastatic, Uncertain Primary Site

X

Spleen

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

Hemangiosarcoma

Thymus

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

INTEGUMENTARY SYSTEM

Mammary Gland

M M

Skin

+ +

MUSCULOSKELETAL SYSTEM

Bone

+ +

Osteosarcoma

X

Skeletal Muscle

+

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

males
(cont...)Sarcoma, Metastatic, Uncertain Primary
Site

X

NERVOUS SYSTEM

Brain

+ +

Carcinoma, Metastatic, Harderian Gland

X

RESPIRATORY SYSTEM

Larynx

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

Lung

+ +

Alveolar/Bronchiolar Adenoma

X X X X X X

Alveolar/Bronchiolar Adenoma, Multiple

Alveolar/Bronchiolar Carcinoma

X X X X X X

Carcinoma, Metastatic, Harderian Gland

X X

Hepatocellular Carcinoma, Metastatic,
Liver

X X

Bronchiole, Adenoma

Nose

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

Trachea

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

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

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

| | |
|---|---|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Sarcoma, Metastatic, Uncertain Primary Site | | | | | | | | | | | | X | | | | | | | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |

SYSTEMIC LESIONS

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

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

ALIMENTARY SYSTEM

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

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

| | | |
|---|-------|----|
| Mesentery | + | 3 |
| Pancreas | + | + | 49 |
| Sarcoma, Metastatic, Uncertain Primary Site | | 1 |
| Salivary Glands | + | + | 50 |
| Stomach, Forestomach | + | + | 50 |
| Stomach, Glandular | + | + | 49 |
| Sarcoma, Metastatic, Uncertain Primary Site | | 1 |
| Tooth | + + + | | 3 |

CARDIOVASCULAR SYSTEM

| | |
|---|----|
| Blood Vessel | 1 |
| Heart | + | 50 |
| Sarcoma, Metastatic, Uncertain Primary Site | | 1 |

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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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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 |
|------------------|-------------|----------|
| | | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| | | 0 | 0 |
| B6C3F1 MICE MALE | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| CONTROL | | 0 | 0 |
| | | 3 | 3 | 3 | 4 | 4 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 0 | 0 | 1 | 3 | 4 |
| | | 1 | 4 | 8 | 0 | 5 | 1 | 6 | 7 | 3 | 6 | 9 | 2 | 7 | 8 | 3 | 5 | 6 | 3 | 9 | 2 | 3 | 0 | 7 | 2 |
| | | * TOTALS | |

ENDOCRINE SYSTEM

| | | |
|---|----|----|
| Adrenal Cortex | + | 49 | |
| Sarcoma, Metastatic, Uncertain Primary Site | | 1 | |
| Capsule, Adenoma | X | | 1 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | + | + | + | + | + | + | + | + | + | 47 | |
| Islets, Pancreatic | + | 49 | |
| Adenoma | 1 | |
| Parathyroid Gland | M | 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 | 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 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 | 7
2
9 | 7
2
9 | 7
2
9 | 7
2
9 | 7
2
9 | 7
3
0 | 7
3
0 | 7
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|-----------------------------|-------------|-----------------------|
| | <div></div> | |
| | ANIMAL ID | 0
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| | <div></div> | |
| | * TOTALS | |

GENITAL SYSTEM

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

HEMATOPOIETIC SYSTEM

| | | | |
|---|----|----|----|
| Bone Marrow | + | 50 | | |
| Lymph Node | | 1 | |
| Lymph Node, Bronchial | + | + | + | M | + | + | + | + | + | + | + | + | + | M | + | + | M | + | M | + | + | + | + | + | M | M | 37 |
| Sarcoma, Metastatic, Uncertain Primary Site | | 1 | |
| Lymph Node, Mandibular | + | + | M | + | + | M | + | M | M | M | + | + | + | + | + | M | + | + | + | M | + | M | + | + | + | 32 | |

* .. 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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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 | |
|------------------|-------------|----------|--|
| | | 2 | 2 | 2 | 2 | 2 | 3 | |
| | | 9 | 9 | 9 | 9 | 9 | 0 | |
| | | 0 | 0 | |
| B6C3F1 MICE MALE | ANIMAL ID | 0 | 0 | |
| | | 0 | 0 | |
| CONTROL | | 0 | 0 | |
| | | 3 | 3 | 3 | 4 | 4 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 0 | 0 | 1 | 3 | 4 | 4 | |
| | | 1 | 4 | 8 | 0 | 5 | 1 | 6 | 7 | 3 | 6 | 9 | 2 | 7 | 8 | 3 | 5 | 6 | 3 | 9 | 2 | 3 | 0 | 7 | 2 | 4 | |
| | | * TOTALS | |

Carcinoma, Metastatic, Harderian Gland

1

Lymph Node, Mediastinal

39

Lymph Node, Mesenteric

49

Sarcoma, Metastatic, Uncertain Primary Site

1

Spleen

49

Hemangiosarcoma

1

Thymus

47

INTEGUMENTARY SYSTEM

Mammary Gland

0

Skin

50

MUSCULOSKELETAL SYSTEM

Bone

50

Osteosarcoma

1

Skeletal Muscle

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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 | 7
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| | | |
| * TOTALS | | |

Sarcoma, Metastatic, Uncertain Primary Site

1

NERVOUS SYSTEM

Brain

+ +

50

Carcinoma, Metastatic, Harderian Gland

1

RESPIRATORY SYSTEM

Larynx

+ +

49

Lung

+ +

50

Alveolar/Bronchiolar Adenoma

X X X

9

Alveolar/Bronchiolar Adenoma, Multiple

X

1

Alveolar/Bronchiolar Carcinoma

X X X

7

Carcinoma, Metastatic, Harderian Gland

2

Hepatocellular Carcinoma, Metastatic, Liver

X

3

Bronchiole, Adenoma

X

1

Nose

+ +

49

Trachea

+ +

49

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

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

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

SPECIAL SENSES SYSTEM

| | |
|-----------------|----|
| Eye | + | 49 |
| Harderian Gland | + | 49 |
| Adenoma | | | | X | | 3 |
| Carcinoma | | | | | | | | | | X | | | | | | | | | | | | | | | | 3 |

URINARY SYSTEM

| | |
|---|----|
| Kidney | + | 49 |
| Sarcoma, Metastatic, Uncertain Primary Site | | 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

| | | |
|---------------------------|---|-----------------------|
| B6C3F1 MICE MALE
8 PPM | DAY ON TEST | 0
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| | | |
| males (cont...) | | |

ALIMENTARY SYSTEM

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

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

males
(cont...)

| |
|----------------------------|
| Prostate | + |
| Seminal Vesicle | + |
| Testes | + |
| Interstitial Cell, Adenoma | |

X

HEMATOPOIETIC SYSTEM

| | |
|--|---|
| Bone Marrow | + |
| Mast Cell Tumor Malignant, Metastatic,
Uncertain Primary Site | |
| Lymph Node | |
| Lymph Node, Bronchial | + | + | M | + | M | M | M | + | + | + | M | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + |
| Lymph Node, Mandibular | M | + | + | + | + | M | M | M | M | + | + | + | M | + | M | + | + | + | M | + | + | + | + | + | + | + |
| Mast Cell Tumor Malignant, Metastatic,
Uncertain Primary Site | |
| Lymph Node, Mediastinal | M | + | + | M | + | + | M | + | + | + | M | + | + | + | M | M | + | + | M | M | + | + | + | + | + | + |
| Lymph Node, Mesenteric | + |
| Spleen | + |

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

M .. Missing tissue
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BLANK .. Not examined microscopically

Species/Strain: MICE/B6C3F1

CAS Number: 107-19-7

Lab: BNW

| | | | |
|---------------------------|-----------------|-----------------------|--|
| B6C3F1 MICE MALE
8 PPM | DAY ON TEST | 0
4
3 | 5
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7 | |
| | males (cont...) | | |

Thymus

INTEGUMENTARY SYSTEM

Mammary Gland

Skin

MUSCULOSKELETAL SYSTEM

Bone

Skeletal Muscle

NERVOUS SYSTEM

Brain

RESPIRATORY SYSTEM

Larynx

Lung

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

M .. Missing tissue
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TDMS No. 97008 - 06

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

Lab: BNW

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

males
(cont...)

Alveolar/Bronchiolar Adenoma

X

X

X

Alveolar/Bronchiolar Carcinoma

X

X

Alveolar/Bronchiolar Carcinoma, Multiple

X

Hepatocellular Carcinoma, Metastatic,
Liver

X

X

Nose

+ +

Hemangioma

Respiratory Epithelium, Adenoma

X

Trachea

+ +

SPECIAL SENSES SYSTEM

Eye

+ +

Melanoma Malignant

X

Harderian Gland

+ +

Adenoma

X

X

X

X

X

Carcinoma

Lacrimal Gland

+

URINARY 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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| | | |
| * TOTALS | | |

ALIMENTARY SYSTEM

| | |
|------------------------------------|----|
| Esophagus | + | 50 |
| Gallbladder | + | + | | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | 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 | | | | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Hepatocellular Adenoma | | | X | | X | | | | X | | | | X | | | X | | X | X | | | | | | 14 |
| Hepatocellular Adenoma, Multiple | X | | | | | X | | X | | | | | | X | | | | | | | X | X | | | 10 |
| Hepatocellular Carcinoma | | | | | | | | | | | 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

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

| | |
|--|----|
| Mesentery | + | | | | | | + | | | | | | | | | | | | | | | | | | 3 |
| Pancreas | + | 50 |
| Salivary Glands | + | 50 |
| Stomach, Forestomach | + | 50 |
| Mast Cell Tumor Malignant, Metastatic,
Uncertain Primary Site | | X | | | 1 |
| Sarcoma | | 1 |
| Stomach, Glandular | + | 50 |
| Sarcoma | | 1 |
| Tooth | | | | | | | | | | | | + | | | | | | | | + | | | | | 4 |

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

| | |
|----------------------|----|
| Adrenal Cortex | + | 50 |
| Subcapsular, Adenoma | | | | | | 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 MALE
8 PPM | DAY ON TEST | 7
3
0 | 7
3
0 | 7
3
0 | 7
3
0 | 7
3
0 | 7
3
0 | 7
3
0 | 7
3
0 | 7
3
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3
1 | 7
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1 | 7
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1 | 7
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1 | 7
3
1 | 7
3
1 | 7
3
1 |
| | ANIMAL ID | 0
0
2
0
9 | 0
0
2
1
0 | 0
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2
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1 | 0
0
2
1
6 | 0
0
2
1
7 | 0
0
2
1
8 | 0
0
2
2
3 | 0
0
2
2
4 | 0
0
2
2
6 | 0
0
2
2
9 | 0
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1 | 0
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9 | 0
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4 | 0
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6 | 0
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7 | 0
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3 | 0
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8 | 0
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3 | 0
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5 | 0
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1 | 0
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2
5 | 0
0
2
2
2 | 0
0
2
2
5 | 0
0
2
2
8 |
| | * TOTALS | |

| | |
|----------------------------|----|
| Adrenal Medulla | + | 50 |
| Pheochromocytoma Malignant | | | | | | | | | | | | | | | X | | | | | | | | | | | 1 |
| Islets, Pancreatic | + | 50 |
| Parathyroid Gland | + | + | M | M | + | + | M | + | + | + | + | + | M | + | + | + | M | + | + | + | + | M | + | M | M | 30 |
| Pituitary Gland | + | 50 |
| Thyroid Gland | + | 50 |
| C-cell, Carcinoma | | | | | | | | X | | | | | | | | | | | | | | | | | | 1 |

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

| | |
|-----------------|----|
| Epididymis | + | 50 |
| Penis | 1 |
| Preputial Gland | + | 50 |
| Hemangioma | 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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

| | |
|----------|----|
| Prostate | + | 50 |
|----------|----|

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

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

| | |
|----------------------------|---|
| Interstitial Cell, Adenoma | 1 |
|----------------------------|---|

HEMATOPOIETIC SYSTEM

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

| | |
|--|---|
| Mast Cell Tumor Malignant, Metastatic,
Uncertain Primary Site | 1 |
|--|---|

| | |
|------------|---|
| Lymph Node | 1 |
|------------|---|

| | |
|-----------------------|----|
| Lymph Node, Bronchial | + | M | + | + | + | + | + | + | M | + | + | M | M | + | + | M | M | M | + | + | + | M | + | + | + | 35 |
|-----------------------|----|

| | |
|------------------------|----|
| Lymph Node, Mandibular | + | + | M | + | M | + | + | + | + | + | + | + | + | M | M | I | + | + | M | M | + | M | + | M | + | 33 |
|------------------------|----|

| | |
|--|---|
| Mast Cell Tumor Malignant, Metastatic,
Uncertain Primary Site | 1 |
|--|---|

| | |
|-------------------------|----|
| Lymph Node, Mediastinal | M | M | + | + | + | + | + | + | M | M | + | + | + | + | M | M | + | + | + | + | + | + | M | M | M | + | 33 |
|-------------------------|----|

| | |
|------------------------|----|
| Lymph Node, Mesenteric | + | 50 |
|------------------------|----|

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

| | |
|--------|----|
| Thymus | + | 49 |
|--------|----|

INTEGUMENTARY SYSTEM

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

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

| | |
|--------|----|
| Larynx | + | 50 |
| Lung | + | 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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Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

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Lab: BNW

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

Alveolar/Bronchiolar Adenoma

X

X

5

Alveolar/Bronchiolar Carcinoma

X

X

X

X

6

Alveolar/Bronchiolar Carcinoma, Multiple

1

Hepatocellular Carcinoma, Metastatic,
Liver

2

Nose

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

+

50

Hemangioma

X

1

Respiratory Epithelium, Adenoma

1

Trachea

+

+

+

+

+

+

+

+

+

+

+

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50

SPECIAL SENSES SYSTEM

Eye

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50

Melanoma Malignant

1

Harderian Gland

+

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+

+

+

+

50

Adenoma

X

X

X

X

X

10

Carcinoma

X

X

X

3

Lacrimal Gland

1

URINARY 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 |
| | | 3 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | ANIMAL ID | 0 |
| | | 0 |
| | | 2 |
| | | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 0 | 0 | 1 | 1 | 2 | 2 | 3 | 3 |
| | | 9 | 0 | 1 | 6 | 7 | 8 | 3 | 4 | 6 | 9 | 1 | 9 | 4 | 6 | 7 | 3 | 8 | 3 | 5 | 1 | 5 | 2 | 5 | 8 |
| | | * TOTALS |

| | |
|-----------------|----|
| Kidney | + | 50 |
| Urinary Bladder | + | 50 |

SYSTEMIC LESIONS

| | |
|---------------------|----|
| Multiple Organ | + | 50 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | X | | | | | | | | | 1 |
| Lymphoma Malignant | | | | | | | | | | | X | | | | | | | | | | | | | 2 |

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

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

TDMS No. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

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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
16 PPM | DAY ON TEST | 4
9
3 | 5
6
5 | 6
3
0 | 6
3
1 | 6
3
3 | 6
3
8 | 6
4
0 | 6
5
4 | 6
9
8 | 7
0
5 | 7
2
9 | 7
2
9 | 7
2
9 | 7
2
9 | 7
2
9 | 7
2
9 | 7
2
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9 | 7
2
9 | 7
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9 | 7
2
9 | 7
2
9 | | |
| | <hr style="border-top: 1px dotted black;"/> | |
| | ANIMAL ID | 0
0
4
2
0 | 0
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4
2
4 | 0
0
4
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1 | 0
0
4
2
2 | 0
0
4
3
0 | 0
0
4
4
8 | 0
0
4
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9 | 0
0
4
3
1 | 0
0
4
4
2 | 0
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2 | 0
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3 | 0
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5 | 0
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7 | 0
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1
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2 | 0
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7 | 0
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5 | 0
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4
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8 | 0
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4
3
6 | 0
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4
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7 | 0
0
4
3
8 | 0
0
4
4
0 | 0
0
4
4
1 | 0
0
4
4
3 | 0
0
4
4
9 |
| | males (cont...) |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

ALIMENTARY SYSTEM

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

| | | DAY ON TEST | | | | | | | | | | | | | | | |
|------------------------------------|--|-----------------------|-------------|--|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 4
9
3 | 5
6
5 | 6
3
0 | 6
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1 | 6
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3 | 6
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8 | 6
4
0 | 6
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4 | 6
9
8 | 7
0
5 | 7
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9 | 7
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9 | | | | | | | | | | | | | | |
| B6C3F1 MICE MALE
16 PPM | | ANIMAL ID | | | males
(cont...) | | | | | | | | | | | | |
| | | 0
0
4
2
0 | 0
0
4
2
4 | 0
0
4
2
1 | 0
0
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2 | 0
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8 | 0
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9 | 0
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3
8 | 0
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7 | 0
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8 | 0
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9 | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Hepatocellular Adenoma, Multiple | | X | | | X | X | | | | | | | | | | | |
| Hepatocellular Carcinoma | | | | | X | X | X | | | | | | | | | | |
| Hepatocellular Carcinoma, Multiple | | | | | | X | X | | | | | | | | | | |
| Hepatocholangiocarcinoma | | | | | X | | | | | | | | | | | | |
| Mesentery | | | | | | | | | | | | | | | | | |
| Pancreas | | + | | | + | A | + | + | + | + | + | + | + | | | | |
| Salivary Glands | | + | | | + | + | + | + | + | + | + | + | + | + | + | | |
| Stomach, Forestomach | | + | | | + | A | + | + | + | + | + | + | + | + | + | + | |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | X | |
| Stomach, Glandular | | + | | | + | A | + | + | + | + | + | + | + | + | + | + | |
| Tooth | | | | | | | | | | | | | | | | | + | |

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

| |
|----------------|
| Adrenal Cortex | + | + | A | + |
|----------------|

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

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

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

Adrenal Medulla

+ + A +

Islets, Pancreatic

+ + A +

Parathyroid Gland

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

Pituitary Gland

+ +

Thyroid Gland

+ +

Follicular Cell, Adenoma

X

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis

+ +

Preputial Gland

+ +

Prostate

+ +

Seminal Vesicle

+ +

* .. 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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

males
(cont...)

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

HEMATOPOIETIC SYSTEM

| |
|-------------------------|
| Bone Marrow | + |
| Lymph Node, Bronchial | + | + | M | + | + | + | M | + | M | M | M | M | + | + | + | + | + | + | M | M | + | + | M | + | + | + |
| Lymph Node, Mandibular | + | + | M | M | M | M | M | M | M | M | + | M | M | M | M | M | + | + | M | M | + | M | + | M | + | M |
| Lymph Node, Mediastinal | + | + | A | + | + | M | + | + | + | + | M | M | M | + | M | + | + | + | + | M | + | + | + | + | + | + |
| Lymph Node, Mesenteric | + | + | A | + |
| Spleen | + | + | A | + |
| Hemangiosarcoma | | | | X | |
| Thymus | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + |

INTEGUMENTARY SYSTEM

| |
|----------------------|
| Mammary Gland | M |
| Skin | + |
| Subcutaneous Tissue, | | | | 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
16 PPM | DAY ON TEST | 4 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 9 | 6 | 3 | 3 | 3 | 3 | 4 | 5 | 9 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | 3 | 5 | 0 | 1 | 3 | 8 | 0 | 4 | 8 | 5 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 4 | 4 |
| | | 2 | 2 | 2 | 2 | 3 | 4 | 3 | 3 | 4 | 3 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 |
| | | 0 | 4 | 1 | 2 | 0 | 8 | 9 | 1 | 2 | 2 | 3 | 5 | 7 | 0 | 2 | 7 | 5 | 8 | 6 | 7 | 8 | 0 | 1 | 3 |
| | | males (cont...) | |

Hemangiosarcoma

MUSCULOSKELETAL SYSTEM

Bone +

NERVOUS SYSTEM

Brain +

RESPIRATORY SYSTEM

Larynx + + + + A +

Lung +

Alveolar/Bronchiolar Adenoma X X X

Alveolar/Bronchiolar Adenoma, Multiple

Alveolar/Bronchiolar Carcinoma X

Alveolar/Bronchiolar Carcinoma, Multiple

Carcinoma, Metastatic, Harderian Gland X

Hepatoblastoma, Metastatic, Liver X

Hepatocellular Carcinoma, Metastatic, Liver 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

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

| |
|---------------------------------|
| Nose | + |
| Respiratory Epithelium, Adenoma | | | | | | | | | | X | | | | | | | | X | | | | | | |
| Trachea | + | + | A | + |

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

| |
|------------------------------------|
| Kidney | + |
| Renal Tubule, Adenoma |
| Urinary Bladder | + | + | A | + |
| Transitional Epithelium, Papilloma | | | | | | | | X | | | | | | | | | | | | | | | | |

SYSTEMIC LESIONS

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

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

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

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|----------------------------|-------------|-----------------------|--|
| B6C3F1 MICE MALE
16 PPM | DAY ON TEST | 7
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ALIMENTARY SYSTEM

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

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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
16 PPM | DAY ON TEST | 7
2
9 | 7
3
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3
0 | 7
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0 | 7
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| | * TOTALS | |

Hepatocellular Adenoma, Multiple

X

X

X

X

X

8

Hepatocellular Carcinoma

X

X

X

6

Hepatocellular Carcinoma, Multiple

2

Hepatocholangiocarcinoma

1

Mesentery

+

+

2

Pancreas

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Stomach, Forestomach

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Squamous Cell Papilloma

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Stomach, Glandular

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CARDIOVASCULAR SYSTEM

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ENDOCRINE SYSTEM

Adrenal Cortex

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49

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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

| | |
|--------------------------|----|
| Adrenal Medulla | + | 49 |
| Islets, Pancreatic | + | 49 |
| Parathyroid Gland | + | + | M | + | + | + | I | + | + | I | + | + | + | + | + | 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 |
| Seminal Vesicle | + | 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

| | DAY ON TEST | 7 | |
|------------------|-------------|----------|
| | | 2 | 3 | |
| | | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 0 | |
| B6C3F1 MICE MALE | ANIMAL ID | 0 | |
| | | 0 | |
| 16 PPM | | 4 | |
| | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 1 | 1 | 1 | 2 | 2 | 3 | 4 | 4 | |
| | | 0 | 1 | 2 | 4 | 6 | 8 | 9 | 1 | 3 | 4 | 9 | 3 | 6 | 3 | 5 | 6 | 7 | 5 | 6 | 8 | 7 | 9 | 4 | 4 | 5 | * TOTALS |
| | | |
| Testes | | + | 50 |

HEMATOPOIETIC SYSTEM

| | |
|-------------------------|----|
| Bone Marrow | + | 50 |
| Lymph Node, Bronchial | M | + | + | M | + | M | + | + | + | + | + | M | M | + | M | M | M | + | + | + | M | + | + | M | M | 30 |
| Lymph Node, Mandibular | + | M | + | + | M | + | + | M | M | + | + | + | + | + | + | M | M | + | + | + | + | + | + | + | M | 25 |
| Lymph Node, Mediastinal | M | + | + | M | M | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | M | + | + | 38 |
| Lymph Node, Mesenteric | + | I | 48 |
| Spleen | + | 49 |
| Hemangiosarcoma | 1 |
| Thymus | + | + | + | + | + | M | + | + | M | + | + | + | + | + | + | M | M | + | + | M | + | + | + | M | + | 42 |

INTEGUMENTARY SYSTEM

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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
16 PPM | DAY ON TEST | 7
2
9 | 7
3
0 | 7
3
0 | 7
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0 | 7
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| | * TOTALS | | |

Hemangiosarcoma

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

| | |
|--------|----|
| Larynx | + | 49 |
|--------|----|

| | |
|------|----|
| Lung | + | 50 |
|------|----|

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|--|--|--|--|--|---|--|--|---|--|--|--|---|--|--|--|--|--|--|--|--|--|--|---|
| Alveolar/Bronchiolar Adenoma | X | | | | | | X | | | X | | | | X | | | | | | | | | | | 8 |
|------------------------------|---|--|--|--|--|--|---|--|--|---|--|--|--|---|--|--|--|--|--|--|--|--|--|--|---|

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|---|
| Alveolar/Bronchiolar Adenoma, Multiple | | | | | | | | | | | | | | X | | | | | | | | | | | 1 |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|---|

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|--|--|--|---|--|--|--|---|--|--|--|--|--|---|--|---|--|--|--|---|--|--|--|--|---|
| Alveolar/Bronchiolar Carcinoma | | | | X | | | | X | | | | | | X | | X | | | | X | | | | | 6 |
|--------------------------------|--|--|--|---|--|--|--|---|--|--|--|--|--|---|--|---|--|--|--|---|--|--|--|--|---|

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|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Alveolar/Bronchiolar Carcinoma, Multiple | | | | | | | X | | | | | | | | | | | | | | | | | | 1 |
|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

| | |
|--|---|
| Carcinoma, Metastatic, Harderian Gland | 1 |
|--|---|

| | |
|-----------------------------------|---|
| Hepatoblastoma, Metastatic, Liver | 1 |
|-----------------------------------|---|

| | | | | |
|---|---|--|--|---|
| Hepatocellular Carcinoma, Metastatic, Liver | X | | | 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

TDMS No. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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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
2
9 | 7
3
0 | 7
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0 | 7
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| | ANIMAL ID | 0
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7 | 0
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9 | 0
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4 | 0
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4
4 | |
| | * TOTALS | | |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|--|--|--|--|---|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|---|
| Respiratory Epithelium, Adenoma | | | | | X | | | | | | | | | | X | | | | | | | | | | | | 4 |
|---------------------------------|--|--|--|--|---|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|---|

| | |
|---------|----|
| Trachea | + | 49 |
|---------|----|

SPECIAL SENSES SYSTEM

| | |
|-----|----|
| Eye | + | 48 |
|-----|----|

| | |
|-----------------|----|
| Harderian Gland | + | 49 |
|-----------------|----|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|--|--|---|---|--|--|--|--|--|---|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|---|
| Adenoma | | | X | X | | | | | | X | | | | | X | | | | | | | | | | | | 6 |
|---------|--|--|---|---|--|--|--|--|--|---|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|---|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|---|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|---|
| Carcinoma | X | | | | | | | | | | X | | | | | | | | | | X | | | | | | 5 |
|-----------|---|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|---|

URINARY SYSTEM

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Renal Tubule, Adenoma | | | | | | | | | | X | | | | | | | | | | | | | | | | | 1 |
|-----------------------|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|

| | |
|-----------------|----|
| Urinary Bladder | + | 49 |
|-----------------|----|

| | |
|------------------------------------|---|
| Transitional Epithelium, Papilloma | 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

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

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

ALIMENTARY SYSTEM

Esophagus

+ +

Gallbladder

A + + + I +

Intestine Large, Cecum

+ +

Hemangioma

Intestine Large, Colon

+ +

Intestine Large, Rectum

+ +

Intestine Small, Duodenum

A +

Intestine Small, Ileum

A +

Intestine Small, Jejunum

A +

Carcinoma

Liver

+ +

Hepatocellular Adenoma

X X

Hepatocellular Adenoma, Multiple

X X

Hepatocellular Carcinoma

X X

Hepatocellular Carcinoma, 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

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

males
(cont...)

Mesentery

+

Pancreas

+ +

Salivary Glands

+ +

Stomach, Forestomach

+ +

Stomach, Glandular

+ +

Tooth

CARDIOVASCULAR SYSTEM

Heart

+ +

ENDOCRINE SYSTEM

Adrenal Cortex

+ +

Subcapsular, Adenoma

X

Adrenal Medulla

+ +

Islets, Pancreatic

+ +

* .. 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 | 4
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| | ANIMAL ID | 0
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| |
|-------------------|
| Parathyroid Gland | + | I | + | M | + | + | + | + | + | + | M | + | + | + | + | + | + | M | M | + | + | + | + | + | + | + |
| Pituitary Gland | + |
| Thyroid Gland | + |

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

| |
|-----------------|
| Epididymis | + |
| Preputial Gland | + |
| Prostate | + |
| Seminal Vesicle | + |
| Testes | + |

HEMATOPOIETIC SYSTEM

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

* .. 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 | 4
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| | | males (cont...) | |

| | |
|--|---|
| Lymph Node, Bronchial
Hemangiosarcoma | + | + | + | M | + | M | M | + | + | M | + | + | M | M | M | + | M | M | + | M | + | + | + | + | + |
| Lymph Node, Mandibular | M | + | + | M | + | + | + | + | M | M | + | + | M | M | M | + | + | + | + | M | M | + | + | + | + |
| Lymph Node, Mediastinal | + | + | + | M | + | + | + | + | + | M | M | + | M | M | + | + | + | M | + | + | M | + | M | + | + |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spleen | + |
| Thymus | + |

INTEGUMENTARY SYSTEM

| | |
|--|---|
| Mammary Gland | M |
| Skin | + |
| Sebaceous Gland, Adenoma |
| Subcutaneous Tissue, Fibrous
Histiocytoma | |
| Subcutaneous Tissue, Hemangioma |

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

| |
|--------------|
| Bone | + |
| Osteosarcoma | | | | | | | | | X | | | | | | | | | | | | | | | | |
| Sarcoma | | | | X | |

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

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

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

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

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

| | |
|---|---|
| Nose | + |
| Olfactory Epithelium, Sarcoma, Metastatic, Bone | | | | X | |
| Respiratory Epithelium, Adenoma | | | | | | | | | | X | | X | X | | | | | | | | | X | | | |
| Trachea | + |

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

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

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

SYSTEMIC LESIONS

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

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

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

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

ALIMENTARY SYSTEM

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

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

| | |
|----------------------|----|
| Mesentery | + | | + | + | 4 |
| Pancreas | + | 50 |
| Salivary Glands | + | 50 |
| Stomach, Forestomach | + | 50 |
| Stomach, Glandular | + | 50 |
| Tooth | | | | | | | | | + | | | | | + | | | | | | | | | | | 2 |

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

| | |
|----------------------|----|
| Adrenal Cortex | + | 50 |
| Subcapsular, Adenoma | | 1 |
| Adrenal Medulla | + | 50 |
| Islets, Pancreatic | + | 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 MALE
32 PPM | DAY ON TEST | 7 | 7 |
| | | 3 | 3 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 6 | 6 |
| | | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 4 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 |
| | | 1 | 4 | 5 | 6 | 7 | 0 | 2 | 6 | 7 | 6 | 3 | 1 | 3 | 7 | 9 | 8 | 4 | 5 | 9 | 1 | 4 | 7 | 8 | 0 |
| | | * TOTALS | | 6 |

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

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

| | |
|---|----|
| Larynx | + | 50 |
| Lung | + | 50 |
| Alveolar/Bronchiolar Adenoma | | | | | | X | | X | X | | | | | | | | | | | | | | | | 6 |
| Alveolar/Bronchiolar Adenoma, Multiple | | | | | | | | | | X | | | | | | | | | | | | | | | 1 |
| Alveolar/Bronchiolar Carcinoma | X | | X | | | | | | X | | | | X | X | | | | X | | | | X | | | 7 |
| Hepatocellular Carcinoma, Metastatic, Liver | | 2 |

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

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

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

| | |
|---|----|
| Nose | + | 50 |
| Olfactory Epithelium, Sarcoma, Metastatic, Bone | | 1 |
| Respiratory Epithelium, Adenoma | | | | | | | | | | X | X | | | | | | | | | | | X | | | | 7 |
| Trachea | + | 50 |

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

| | |
|---|----|
| Kidney | + | 50 |
| Mast Cell Tumor Malignant, Metastatic, Uncertain Primary Site | | 1 |
| Renal Tubule, Adenoma | | | | | | | | | | | X | | | | | | | | | | | | | | | 1 |
| 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 | 3 | 3 | 4 | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 6 | 8 | 5 | 7 | 9 | 9 | 4 | 0 | 0 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 9 | 9 | 3 | 9 | 2 | 3 | 7 | 4 | 4 | 1 | 6 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 1 | 1 |
| | | 1 | 3 | 4 | 3 | 1 | 2 | 5 | 0 | 4 | 1 | 2 | 0 | 1 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| | | 8 | 5 | 5 | 8 | 1 | 4 | 0 | 4 | 2 | 6 | 5 | 6 | 9 | 0 | 6 | 7 | 9 | 2 | 3 | 5 | 7 | 8 | 9 | 0 |
| | | females (cont...) | |

| |
|-------------------------|
| Pancreas | + |
| Salivary Glands | + |
| Stomach, Forestomach | + |
| Squamous Cell Papilloma | |
| Stomach, Glandular | + |
| Tongue |
| Squamous Cell Papilloma | |

CARDIOVASCULAR SYSTEM

| |
|----------------------------------|
| Blood Vessel |
| Aorta, Sarcoma, Metastatic, Skin | |
| Heart | + |
| Sarcoma, Metastatic, Skin |

ENDOCRINE SYSTEM

| |
|----------------|
| Adrenal Cortex | + | + | + | + | + | + | + | 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 FEMALE
CONTROL | DAY ON TEST | 3 | 3 | 4 | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 6 | 8 | 5 | 7 | 9 | 9 | 4 | 0 | 0 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 9 | 9 | 3 | 9 | 2 | 3 | 7 | 4 | 4 | 1 | 6 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 1 | 1 |
| | | 1 | 3 | 4 | 3 | 1 | 2 | 5 | 0 | 4 | 1 | 2 | 0 | 1 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| | | 8 | 5 | 5 | 8 | 1 | 4 | 0 | 4 | 2 | 6 | 5 | 6 | 9 | 0 | 6 | 7 | 9 | 2 | 3 | 5 | 7 | 8 | 9 | 0 |
| | | females (cont...) | |

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

GENERAL BODY SYSTEM

| | |
|------------|---|
| Tissue NOS | |
| Carcinoma | X | |

GENITAL SYSTEM

| |
|----------------|
| Clitoral Gland | M | + | M | M | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | M | + | + | + | + | M |
| Ovary | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* .. 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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Cystadenoma

X

X

X

Leiomyosarcoma

Uterus

+ +

Leiomyosarcoma

X

Polyp Stromal

HEMATOPOIETIC SYSTEM

Bone Marrow

+ +

Hemangiosarcoma

Lymph Node

+

+

+

Lymph Node, Bronchial

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

Hepatocellular Carcinoma, Metastatic,
Liver

Lymph Node, Mandibular

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

Lymph Node, Mediastinal

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

Sarcoma, Metastatic, Skin

X

Lymph Node, Mesenteric

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

| |
|---------------------------|
| Spleen | + |
| Hemangiosarcoma |
| Thymus | + |
| Sarcoma, Metastatic, Skin | | | | | | | | | | X | | | | | | | | | | | | | | | | |

INTEGUMENTARY SYSTEM

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

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | |
|--|---|
| Brain | + |
| Carcinoma, Metastatic, Pituitary Gland | | | | | X | |

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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

RESPIRATORY SYSTEM

| | |
|--|---|
| Larynx | + |
| Lung | + |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | X | | X | | | | | | | | | | |
| Alveolar/Bronchiolar Carcinoma |
| Hepatocellular Carcinoma, Metastatic, Liver |
| Sarcoma, Metastatic, Skin |
| Nose | + |
| Pleura | |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung | |
| Trachea | + |

SPECIAL SENSES SYSTEM

| |
|-----------------|
| Eye | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian 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

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

Adenoma

URINARY SYSTEM

| |
|-----------------|
| Kidney | + |
| Urinary Bladder | + |

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

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

ALIMENTARY SYSTEM

| | |
|---|----|
| Esophagus | + | 50 |
| Gallbladder | + | M | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | 41 |
| Intestine Large, Cecum | + | 48 |
| Intestine Large, Colon | + | 48 |
| Intestine Large, Rectum | + | 49 |
| Intestine Small, Duodenum | + | 49 |
| Intestine Small, Ileum | + | 48 |
| Intestine Small, Jejunum | + | 48 |
| Liver | + | 50 |
| Carcinoma, Metastatic, Islets, Pancreatic | | | | | | | | | | | | X | | | | | | | | | | | | | 1 |
| Hepatocellular Adenoma | | | | | | X | X | | | | | | X | | | | | X | | | | | X | | 12 |
| Hepatocellular Adenoma, Multiple | | | | | | | | | | | | | | | | | | X | | | | | | | 3 |
| Hepatocellular Carcinoma | | | | | | | | | | | | | | X | | | | | | | | X | X | | 4 |
| Mesentery | | | | | | + | | | + | | | | | | | | | + | + | + | | + | | | 9 |

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

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

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

| | |
|-------------------------|----|
| Pancreas | + | 50 |
| Salivary Glands | + | 50 |
| Stomach, Forestomach | + | 50 |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | X | | | | | 1 |
| Stomach, Glandular | + | 50 |
| Tongue | | | | | | | | | | | + | | | | | | | | | | | | | | 1 |
| Squamous Cell Papilloma | | | | | | | | | | | X | | | | | | | | | | | | | | 1 |

CARDIOVASCULAR SYSTEM

| | |
|----------------------------------|----|
| Blood Vessel | 1 |
| Aorta, Sarcoma, Metastatic, Skin | | 1 |
| Heart | + | 50 |
| Sarcoma, Metastatic, Skin | 1 |

ENDOCRINE SYSTEM

| | |
|----------------|----|
| Adrenal Cortex | + | 49 |
|----------------|----|

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

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

TDMS No. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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 | |
| | | 3 | 3 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| B6C3F1 MICE FEMALE
CONTROL | | ANIMAL ID |
| | | 0 | 0 |
| | | 0 | 0 |
| | | 1 | 1 |
| | | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 4 |
| | | 2 | 3 | 6 | 1 | 3 | 4 | 3 | 6 | 7 | 8 | 1 | 2 | 3 | 4 | 5 | 7 | 1 | 7 | 8 | 9 | 2 | 0 | 1 | 4 | 9 |
| | | * TOTALS |

Adrenal Medulla

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

48

Pheochromocytoma Benign

1

Islets, Pancreatic

+ +

50

Carcinoma

X

1

Parathyroid Gland

+ + M M M + + + + + I + + M M + M + M M + M + + +

31

Pituitary Gland

+ +

50

Pars Distalis, Adenoma

4

Pars Distalis, Carcinoma

1

Thyroid Gland

+ +

50

Follicular Cell, Adenoma

X

2

GENERAL BODY SYSTEM

Tissue NOS

1

Carcinoma

1

GENITAL SYSTEM

Clitoral Gland

+ + M I +

42

Ovary

+ +

49

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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

Cystadenoma

X

X

X

6

Leiomyosarcoma

X

1

Uterus

+ +

50

Leiomyosarcoma

1

Polyp Stromal

X

X

2

HEMATOPOIETIC SYSTEM

Bone Marrow

+ +

50

Hemangiosarcoma

X

X

2

Lymph Node

+ +

9

Lymph Node, Bronchial

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

42

Hepatocellular Carcinoma, Metastatic,
Liver

X

1

Lymph Node, Mandibular

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

38

Lymph Node, Mediastinal

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

45

Sarcoma, Metastatic, Skin

1

Lymph Node, Mesenteric

+ +

48

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

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

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

| | |
|---------------------------|----|
| Spleen | + | 50 |
| Hemangiosarcoma | | | | | | | | | | | | | | X | | | | | | | | | | | | 1 |
| Thymus | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Sarcoma, Metastatic, Skin | | 1 |

INTEGUMENTARY SYSTEM

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

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | |
|--|----|
| Brain | + | 50 |
| Carcinoma, Metastatic, Pituitary Gland | | 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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BLANK .. Not examined microscopically

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Species/Strain: MICE/B6C3F1

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Lab: BNW

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

RESPIRATORY SYSTEM

| | |
|--|----|
| Larynx | + | 50 |
| Lung | + | 50 |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | | | | | X | | | | | | | | 3 |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | X | | | | | | | | | | | | | | | | | | 2 |
| Hepatocellular Carcinoma, Metastatic, Liver | | | | | | | | | | | | | | X | | | | | | | | X | X | | | 3 |
| Sarcoma, Metastatic, Skin | 1 |
| Nose | + | 50 |
| Pleura | | 1 |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung | | 1 |
| Trachea | + | 50 |

SPECIAL SENSES SYSTEM

| | |
|-----------------|----|
| Eye | + | 49 |
| Harderian 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

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

ALIMENTARY SYSTEM

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

| | | DAY ON TEST | | | |
|-----------------------------|--|---|----------------------|--------|---|
| | | 4
5 | 5
8 | 5
5 | 6
0 | 6
1 | 6
2 | 6
5 | 6
6 | 6
8 | 6
9 | 7
1 | 7
3 | 7
3 | 7
3 | 7
3 | 7
3 | 7
3 | 7
3 | 7
3 | 7
3 | 7
3 | 7
3 | 7
3 | 7
3 | | 7
3 | |
| B6C3F1 MICE FEMALE
8 PPM | | ANIMAL ID | | females
(cont...) | | |
| | | 0 | 0 | | 0 | 0 |
| | | 0 | 0 | | 0 | 0 |
| | | 3 | 3 | | 3 | 3 |
| | | 4 | 0 | 2 | 4 | 2 | 4 | 4 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 3 | 4 | 0 | 0 | 1 | 1 | 1 | 1 | | 1 | 1 |
| | | 9 | 2 | 4 | 6 | 3 | 2 | 8 | 7 | 8 | 2 | 4 | 3 | 4 | 8 | 1 | 6 | 0 | 5 | 6 | 7 | 0 | 1 | 3 | 6 | 7 | | |
| Mesentery | | + | | | |
| Pancreas | | + + + + A A + | | | |
| Salivary Glands | | + | | | |
| Stomach, Forestomach | | + | | | |
| Stomach, Glandular | | + + + + A A + | | | |
| Tongue | | + | | | |
| Squamous Cell Carcinoma | | X | | | |

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

| | |
|-------------------------|---|
| Adrenal Cortex | + |
| Capsule, Adenoma | X |
| Adrenal Medulla | + + + + I + + + + + + + + + + I + + + + + + + |
| Pheochromocytoma Benign | X |

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

M .. Missing tissue
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BLANK .. Not examined microscopically

| | | |
|-----------------------------|-------------|-------------------|
| B6C3F1 MICE FEMALE
8 PPM | DAY ON TEST | 4 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 9 | 5 | 6 | 0 | 1 | 2 | 5 | 6 | 8 | 9 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 5 | 8 | 5 | 5 | 7 | 9 | 9 | 0 | 8 | 8 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 3 | 3 |
| | | 4 | 0 | 2 | 4 | 2 | 4 | 4 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 3 | 4 | 0 | 0 | 1 | 1 | 1 | 1 |
| | | 9 | 2 | 4 | 6 | 3 | 2 | 8 | 7 | 8 | 2 | 4 | 3 | 4 | 8 | 1 | 6 | 0 | 5 | 6 | 7 | 0 | 1 | 3 | 6 |
| | | females (cont...) | |
| Islets, Pancreatic | | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Parathyroid Gland | | + | + | + | + | M | + | + | + | + | + | M | + | M | + | + | + | M | + | + | + | + | + | M | + |
| Pituitary Gland | | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pars Distalis, Adenoma | | | | | | | | | | | | X | | | | | X | | | | | | | | |
| Thyroid Gland | | + | + |
| Follicular Cell, Adenoma | | | X | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

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

HEMATOPOIETIC SYSTEM

| |
|-------------------------|
| Bone Marrow | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node |
| Lymph Node, Bronchial | M | + | + | + | M | + | + | + | + | M | + | + | + | + | + | + | + | + | + | M | M | M | + | + |
| Lymph Node, Mandibular | M | + | + | + | + | + | + | + | + | + | + | M | M | M | + | M | + | M | + | M | M | M | + | + |
| Lymph Node, Mediastinal | M | + | M | + | A | + | + | + | + | M | + | + | + | + | + | + | + | + | + | M | M | + | + | + |
| Lymph Node, Mesenteric | + | + | + | + | A | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spleen | + | + | + | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Hemangiosarcoma |
| Thymus | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

INTEGUMENTARY SYSTEM

| |
|---------------|
| Mammary Gland | + |
|---------------|

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

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

females
(cont...)

| | |
|--|---|
| Skin | + |
| Subcutaneous Tissue, Fibrous
Histiocytoma, Multiple | |
| Subcutaneous Tissue, Liposarcoma |

X

MUSCULOSKELETAL SYSTEM

| |
|-----------------|
| Bone | + |
| Sarcoma |
| Skeletal Muscle | |
| Hemangiosarcoma | |

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

| |
|--------------------------------|
| Larynx | + |
| Lung | + |
| Alveolar/Bronchiolar Adenoma |
| Alveolar/Bronchiolar Carcinoma | |

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

Hepatocellular Carcinoma, Metastatic, Liver
Liposarcoma, Metastatic, Skin

X

Nose
Respiratory Epithelium, Adenoma

X

Trachea

SPECIAL SENSES SYSTEM

Eye
Melanoma Benign

X

Harderian Gland
Adenoma
Carcinoma

X

X

URINARY SYSTEM

Kidney
Urinary Bladder

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

SYSTEMIC LESIONS

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

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

ALIMENTARY SYSTEM

| | |
|----------------------------------|----|
| Esophagus | + | 50 |
| Gallbladder | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | M | + | + | + | + | 40 |
| Intestine Large, Cecum | + | 48 |
| Intestine Large, Colon | + | 48 |
| Intestine Large, Rectum | + | 48 |
| Intestine Small, Duodenum | + | 47 |
| Intestine Small, Ileum | + | 47 |
| Intestine Small, Jejunum | + | 47 |
| Carcinoma | 1 |
| Liver | + | 50 |
| Hemangioma | | | | | | | | | | X | | | | | | | | | | | | | | | | 1 |
| Hepatocellular Adenoma | | | | X | | | | | | | | | | | X | | | | | | | | X | | X | 7 |
| Hepatocellular Adenoma, Multiple | | | | | | X | | | | | | | X | | X | | X | | X | X | | | | | | 7 |
| Hepatocellular Carcinoma | | | | X | | X | | | | | | | | | | X | | | X | | | | | | | 6 |

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

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

TDMS No. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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 |
|-------------------------|-------------|----------|----|
| | | 3 | 3 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 0 | 0 |
| B6C3F1 MICE FEMALE | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| 8 PPM | | 3 | 3 |
| | | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 5 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
| | | 9 | 5 | 7 | 8 | 3 | 4 | 7 | 8 | 4 | 0 | 1 | 5 | 9 | 5 | 0 | 2 | 9 | 1 | 2 | 5 | 6 | 9 | 0 | 1 |
| | | * TOTALS | |
| Mesentery | | + | | | | + | | | | | | | | | | | | + | + | | | | | | 13 |
| Pancreas | | + | + | 48 |
| Salivary Glands | | + | + | 50 |
| Stomach, Forestomach | | + | + | 50 |
| Stomach, Glandular | | + | + | 48 |
| Tongue | | | 1 |
| Squamous Cell Carcinoma | | | 1 |

CARDIOVASCULAR SYSTEM

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

ENDOCRINE SYSTEM

| | |
|-------------------------|----|
| Adrenal Cortex | + | 50 |
| Capsule, Adenoma | 1 |
| Adrenal Medulla | + | + | + | I | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 46 |
| Pheochromocytoma Benign | | | | | | | | | | | | | | | | 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

| B6C3F1 MICE FEMALE
8 PPM | DAY ON TEST | 7
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|-----------------------------|--------------------|-----------------------|
| | ANIMAL ID | 0
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1 |
| | * TOTALS | |
| | Islets, Pancreatic | + |
| Parathyroid Gland | M | M | + | M | + | + | M | + | M | + | + | + | + | + | M | + | M | + | + | + | M | + | + | M | + | 36 |
| Pituitary Gland | + | + | 49 |
| Pars Distalis, Adenoma | X | | X | | | | | | | | X | | | | | X | | X | | | | | | | | 7 |
| Thyroid Gland | + | + | 50 |
| Follicular Cell, Adenoma | | | | | | | | | | | X | | | | | | | X | | | | | | | | 3 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

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

+ .. Tissue examined microscopically

x .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 97008 - 06

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Lab: BNW

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

HEMATOPOIETIC SYSTEM

| | |
|-------------------------|----|
| Bone Marrow | + | 49 |
| Lymph Node | | | | | + | | | | | | | | | | | + | | | + | | | | | + | 4 |
| Lumbar, Hemangiosarcoma | | | | | X | | | | | | | | | | | | | | | | | | | | 1 |
| Lymph Node, Bronchial | + | + | + | + | + | + | M | + | + | + | + | + | + | M | M | + | + | + | + | + | + | + | M | + | 40 |
| Lymph Node, Mandibular | + | + | + | + | M | M | M | + | + | + | + | M | + | + | M | M | M | + | + | + | + | + | + | M | 33 |
| Lymph Node, Mediastinal | + | + | + | M | + | + | M | + | M | + | + | + | M | + | + | + | M | + | M | + | + | + | + | + | 38 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | 47 |
| Spleen | + | 48 |
| Hemangiosarcoma | | | | | X | | | | | | | | | | | | | | | | | | | | 1 |
| Thymus | + | + | + | + | + | I | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | 47 |

INTEGUMENTARY SYSTEM

| | |
|---------------|----|
| Mammary 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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

| | |
|------|----|
| Skin | + | 50 |
|------|----|

| | |
|---|---|
| Subcutaneous Tissue, Fibrous Histiocytoma, Multiple | 1 |
|---|---|

| | |
|----------------------------------|---|
| Subcutaneous Tissue, Liposarcoma | 1 |
|----------------------------------|---|

MUSCULOSKELETAL SYSTEM

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

| | |
|---------|---|
| Sarcoma | 1 |
|---------|---|

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|---|
| Skeletal Muscle | | | | | | | | | | | | | | | | | | + | | | | | | | | 1 |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|---|

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|---|
| Hemangiosarcoma | | | | | | | | | | | | | | | | | | X | | | | | | | | 1 |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|---|

NERVOUS SYSTEM

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

RESPIRATORY SYSTEM

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

| | |
|------|----|
| Lung | + | 50 |
|------|----|

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|---|
| Alveolar/Bronchiolar Adenoma | X | X | | | | | | | | X | | | | | | | | X | | | | | | | | 6 |
|------------------------------|---|---|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|---|

| | | | | | | |
|--------------------------------|---|--|--|--|--|---|
| Alveolar/Bronchiolar Carcinoma | 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

| | | |
|---|--|----------|
| | | 7 | 7 |
| DAY ON TEST | | 3 | 3 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| B6C3F1 MICE FEMALE | | 0 | 0 |
| ANIMAL ID | | 0 | 0 |
| 8 PPM | | 3 | 3 |
| | | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 5 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 |
| | | 9 | 5 | 7 | 8 | 3 | 4 | 7 | 8 | 4 | 0 | 1 | 5 | 9 | 5 | 0 | 2 | 9 | 1 | 2 | 5 | 6 | 9 | 0 | 1 |
| | | * TOTALS | |
| Hepatocellular Carcinoma, Metastatic, Liver | | X |
| | | 1 |
| Liposarcoma, Metastatic, Skin | | 1 |
| Nose | | + | + |
| Respiratory Epithelium, Adenoma | | X |
| | | 50 |
| Trachea | | + | + |
| | | 49 |
| SPECIAL SENSES SYSTEM | | |
| Eye | | + | + |
| Melanoma Benign | | 48 |
| | | 1 |
| Harderian Gland | | + | + |
| Adenoma | | 49 |
| Carcinoma | | 2 |
| | | 1 |
| URINARY SYSTEM | | |
| Kidney | | + | + |
| | | 50 |
| Urinary Bladder | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + |
| | | 47 |

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

ALIMENTARY SYSTEM

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

* .. 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 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 6 | 0 | 2 | 4 | 6 | 7 | 8 | 2 | 2 | 5 | 6 | 8 | 9 | 0 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 6 | 7 | 9 | 6 | 4 | 5 | 9 | 6 | 0 | 0 | 9 | 4 | 3 | 1 | 0 | 2 | 8 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 5 | 5 |
| | | 2 | 4 | 1 | 3 | 2 | 2 | 4 | 4 | 2 | 4 | 3 | 0 | 4 | 2 | 0 | 0 | 0 | 4 | 1 | 2 | 2 | 3 | 3 | 0 | 0 |
| | | 4 | 0 | 7 | 6 | 3 | 8 | 5 | 1 | 9 | 9 | 5 | 1 | 8 | 7 | 2 | 4 | 8 | 3 | 5 | 0 | 2 | 4 | 9 | 3 | 5 |
| | | females (cont...) |
| Hepatocholangiocarcinoma, Metastatic, Liver | | X | |
| Pancreas | | + |
| Hepatocholangiocarcinoma, Metastatic, Liver | | X | |
| Salivary Glands | | + |
| Stomach, Forestomach | | + |
| Stomach, Glandular | | + + + + + + + + + + A + A + + + + + + + + + + + + + | |
| Tooth | | + | |

CARDIOVASCULAR SYSTEM

| | | |
|-----------------|---|--|
| Heart | + | |
| Hemangiosarcoma | X | |

ENDOCRINE SYSTEM

| | | |
|--------------------|---|--|
| Adrenal Cortex | + | |
| Capsule, Carcinoma | | |

* .. 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 | |
|----------------------------------|--|---|----------------------|
| | | 4
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2 | 7
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8 | 7
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1 | 7
3
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1 | 7
3
1 | 7
3
2 | 7
3
2 | |
| B6C3F1 MICE FEMALE

16 PPM | | ANIMAL ID | | females
(cont...) |
| | | 0 | 0 | |
| | | 0 | 0 | |
| | | 5 | 5 | |
| | | 2 | 4 | 1 | 3 | 2 | 2 | 4 | 4 | 2 | 4 | 3 | 0 | 4 | 2 | 0 | 0 | 0 | 4 | 1 | 2 | 2 | 3 | 3 | 0 | 0 | |
| | | 4 | 0 | 7 | 6 | 3 | 8 | 5 | 1 | 9 | 9 | 5 | 1 | 8 | 7 | 2 | 4 | 8 | 3 | 5 | 0 | 2 | 4 | 9 | 3 | 5 | |
| Adrenal Medulla | | + | |
| Pheochromocytoma Benign | | | |
| Islets, Pancreatic | | + | |
| Parathyroid Gland | | + M + + + + M + M + + + + M + + + + M M + + + M | |
| Pituitary Gland | | + + + + + + + + + + + + + + + + + + + + + + + + | |
| Pars Distalis, Adenoma | | X | |
| Thyroid Gland | | + | |
| Follicular Cell, Adenoma | | | |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| |
|-----------------------------|
| Clitoral Gland | + | + | + | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Ovary | + |
| Granulosa Cell Tumor Benign | |
| Hemangiosarcoma | X |
| Uterus | + |

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

Carcinoma

Hemangiosarcoma

Polyp Stromal

X

X

X

X

HEMATOPOIETIC SYSTEM

Bone Marrow

+ +

Lymph Node

+ + + +

Sarcoma, Metastatic, Skin

X

Lymph Node, Bronchial

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

Hepatocarcinoma, Metastatic,
Liver

X

Lymph Node, Mandibular

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

Lymph Node, Mediastinal

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

Hepatocarcinoma, Metastatic,
Liver

X

Sarcoma, Metastatic, Skin

X

Lymph Node, Mesenteric

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

Sarcoma, Metastatic, Skin

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

| | |
|--|---|
| Spleen | + |
| Hemangiosarcoma | | X | |
| Thymus | + | M | + | M | + |
| Alveolar/Bronchiolar Carcinoma, Metastatic, Lung | |

INTEGUMENTARY SYSTEM

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

MUSCULOSKELETAL SYSTEM

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

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

| | | |
|------------------------------|----------------------|-------------|
| B6C3F1 MICE FEMALE
16 PPM | DAY ON TEST | 4
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| | | |
| | females
(cont...) | | |

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

RESPIRATORY SYSTEM

| | |
|---|---|
| Larynx | + |
| Lung | + |
| Alveolar/Bronchiolar Adenoma |
| Alveolar/Bronchiolar Carcinoma, Multiple |
| Hemangiosarcoma, Metastatic, Uterus |
| Hepatocholangiocarcinoma, Metastatic, Liver | |
| Nose | + |
| Respiratory Epithelium, Adenoma |
| Trachea | + |

SPECIAL SENSES SYSTEM

| |
|-----------------|
| Eye | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |
| Harderian Gland | + |
| 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 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | | 3 | 6 | 0 | 2 | 4 | 6 | 7 | 8 | 2 | 2 | 5 | 6 | 8 | 9 | 0 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 6 | 7 | 9 | 6 | 4 | 5 | 9 | 6 | 0 | 0 | 9 | 4 | 3 | 1 | 0 | 2 | 8 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 5 | 5 |
| | | 2 | 4 | 1 | 3 | 2 | 2 | 4 | 4 | 2 | 4 | 3 | 0 | 4 | 2 | 0 | 0 | 0 | 4 | 1 | 2 | 2 | 3 | 3 | 0 | 0 |
| | | 4 | 0 | 7 | 6 | 3 | 8 | 5 | 1 | 9 | 9 | 5 | 1 | 8 | 7 | 2 | 4 | 8 | 3 | 5 | 0 | 2 | 4 | 9 | 3 | 5 |
| | | females (cont...) | |

Carcinoma

URINARY SYSTEM

| |
|-----------------|
| Kidney | + |
| Urinary Bladder | + | + | + | I | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + |

SYSTEMIC LESIONS

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

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

ALIMENTARY SYSTEM

| | | |
|----------------------------------|----|----|
| Esophagus | + | 50 | |
| Gallbladder | + | M | + | 45 |
| Intestine Large, Cecum | + | 47 |
| Intestine Large, Colon | + | 48 |
| Intestine Large, Rectum | + | 48 |
| Intestine Small, Duodenum | + | 48 |
| Carcinoma | | 1 |
| Intestine Small, Ileum | + | 47 |
| Intestine Small, Jejunum | + | 47 |
| Liver | + | 50 |
| Hepatocellular Adenoma | | | | X | | | | X | | | | | | | X | | | | | | | | | | | | 9 |
| Hepatocellular Adenoma, Multiple | | | | | | | | | | | | | X | | | | | | | | | | | | | | 3 |
| Hepatocholangiocarcinoma | | 1 |
| Mesentery | | | + | | | | | | + | | | + | | | | | + | | | | | | | | | | 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
16 PPM | DAY ON TEST | 7 | 7 |
| | | 3 | 3 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 5 | 5 |
| | | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 3 | 4 | 4 | 5 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 4 | 4 |
| | | 0 | 1 | 2 | 6 | 6 | 2 | 3 | 7 | 2 | 4 | 0 | 6 | 7 | 9 | 3 | 4 | 8 | 9 | 1 | 5 | 0 | 1 | 8 | 6 |
| | | * TOTALS | |

| | |
|---|----|
| Hepatocholangiocarcinoma, Metastatic, Liver | | 1 |
| Pancreas | + | 50 |
| Hepatocholangiocarcinoma, Metastatic, Liver | | 1 |
| Salivary Glands | + | 50 |
| Stomach, Forestomach | + | 50 |
| Stomach, Glandular | + | 48 |
| Tooth | 1 |

CARDIOVASCULAR SYSTEM

| | |
|-----------------|----|
| Heart | + | 50 |
| Hemangiosarcoma | | 1 |

ENDOCRINE SYSTEM

| | |
|--------------------|----|
| Adrenal Cortex | + | 50 |
| Capsule, Carcinoma | | | | | | | | | | | | | | | | X | + | + | + | + | + | + | + | + | 1 |

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

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

TDMS No. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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
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| | * TOTALS | |

| | |
|-------------------------|----|
| Adrenal Medulla | + | 50 |
| Pheochromocytoma Benign | | | X | | 1 |

| | |
|--------------------|----|
| Islets, Pancreatic | + | 50 |
|--------------------|----|

| | |
|-------------------|----|
| Parathyroid Gland | M | M | M | + | + | M | + | + | + | M | M | M | M | M | M | + | + | + | + | M | M | + | + | M | + | 30 |
|-------------------|----|

| | |
|------------------------|----|
| Pituitary Gland | + | 48 |
| Pars Distalis, Adenoma | | | | | | | | X | | | | | | | | | | | | | | | | | 7 |

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

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | |
|----------------|----|
| Clitoral Gland | M | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | M | + | + | + | + | + | + | + | M | 44 |
|----------------|----|

| | |
|-------|----|
| Ovary | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
|-------|----|

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|---|
| Granulosa Cell Tumor Benign | | | | | | | | | | | | | | | | | X | | | | | | | | | 1 |
|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|---|

| | |
|-----------------|---|
| Hemangiosarcoma | 1 |
|-----------------|---|

| | |
|--------|----|
| Uterus | + | 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
16 PPM | DAY ON TEST | 7
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| | * TOTALS | |

| | | |
|-----------------|---|---|
| Carcinoma | X | 1 |
| Hemangiosarcoma | | 4 |
| Polyp Stromal | X | 3 |

HEMATOPOIETIC SYSTEM

| | |
|---|----|
| Bone Marrow | + | 50 |
| Lymph Node | 5 |
| Sarcoma, Metastatic, Skin | 1 |
| Lymph Node, Bronchial | + | + | + | + | + | + | + | M | + | M | M | + | M | + | M | + | + | M | + | + | + | + | + | M | 38 |
| Hepatocholangiocarcinoma, Metastatic, Liver | | 1 |
| Lymph Node, Mandibular | + | + | M | I | + | M | + | + | M | M | + | M | + | + | + | + | + | + | + | M | + | + | + | + | 38 |
| Lymph Node, Mediastinal | + | + | M | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | M | 42 |
| Hepatocholangiocarcinoma, Metastatic, Liver | | 1 |
| Sarcoma, Metastatic, Skin | 1 |
| Lymph Node, Mesenteric | + | 49 |
| Sarcoma, Metastatic, Skin | 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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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 |
| | | * TOTALS |
| DAY ON TEST | 7 | 7 | 7 | |
| | 3 | 3 | 3 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | |
| ANIMAL ID | 0 | 0 | 0 | |
| | 0 | 0 | 0 | |
| | 5 | 5 | 5 | |
| | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 3 | 4 | 4 | 5 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 4 | 4 |
| | | 0 | 1 | 2 | 6 | 6 | 2 | 3 | 7 | 2 | 4 | 0 | 6 | 7 | 9 | 3 | 4 | 8 | 9 | 1 | 5 | 0 | 1 | 8 | 6 |

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

RESPIRATORY SYSTEM

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

| | |
|------|----|
| Lung | + | 50 |
|------|----|

| | | |
|------------------------------|---|---|
| Alveolar/Bronchiolar Adenoma | X | 2 |
|------------------------------|---|---|

| | |
|--|---|
| Alveolar/Bronchiolar Carcinoma, Multiple | 2 |
|--|---|

| | |
|-------------------------------------|---|
| Hemangiosarcoma, Metastatic, Uterus | 1 |
|-------------------------------------|---|

| | |
|---|---|
| Hepatocholangiocarcinoma, Metastatic, Liver | 1 |
|---|---|

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

| | | |
|---------------------------------|---|---|
| Respiratory Epithelium, Adenoma | X | 4 |
|---------------------------------|---|---|

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

SPECIAL SENSES SYSTEM

| | |
|-----|----|
| Eye | + | 49 |
|-----|----|

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

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|--|--|--|--|---|--|--|--|--|--|---|--|---|--|--|--|--|--|--|--|---|---|--|--|---|
| Adenoma | | | | | X | | | | | | X | | X | | | | | | | | X | X | | | 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

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

Carcinoma

X

1

URINARY SYSTEM

| | |
|-----------------|----|
| Kidney | + | 50 |
| Urinary Bladder | + | 48 |

SYSTEMIC LESIONS

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

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

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

| |
|---------------------------|
| Pancreas | A | + |
| Sarcoma, Metastatic, Skin | X | |
| Salivary Glands | + |
| Stomach, Forestomach | + |
| Stomach, Glandular | A | + |

CARDIOVASCULAR SYSTEM

| |
|-----------------|
| Heart | + |
| Hemangiosarcoma | X | |

ENDOCRINE SYSTEM

| |
|----------------------------|
| Adrenal Cortex | + |
| Hemangiosarcoma | X | |
| Adrenal Medulla | + |
| Pheochromocytoma Benign | X | |
| Pheochromocytoma Malignant | |
| Islets, Pancreatic | A | + |

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

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

TDMS No. 97008 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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 | 0 | 1 | 2 | 3 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|------------------------------|-------------|
| | | 8 | 1 | 1 | 8 | 2 | 2 | 2 | 4 | 5 | 6 | 7 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 1 | 7 | 9 | 8 | 3 | 6 | 8 | 2 | 8 | 3 | 7 | 8 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| B6C3F1 MICE FEMALE
32 PPM | ANIMAL ID | 0 |
| | | 0 |
| | | 7 |
| | | 1 | 4 | 4 | 1 | 0 | 2 | 4 | 1 | 3 | 3 | 2 | 3 | 1 | 2 | 2 | 2 | 3 | 4 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| | | 1 | 5 | 6 | 2 | 4 | 9 | 1 | 8 | 4 | 2 | 0 | 5 | 9 | 1 | 5 | 7 | 8 | 7 | 2 | 6 | 8 | 0 | 3 | 4 | 6 |

females
(cont...)

Parathyroid Gland

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

Pituitary Gland

+ +

Pars Distalis, Adenoma

X X X

Pars Intermedia, Adenoma

Thyroid Gland

+ +

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland

M M + I + + M + M M + + + + + + + + + M + + +

Ovary

+ +

Osteosarcoma, Metastatic, Bone

X

Tubulostromal Adenoma

Uterus

A +

Polyp Stromal

X

Sarcoma 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
BLANK .. Not examined microscopically

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

Skin

+ +

Subcutaneous Tissue, Sarcoma

X

MUSCULOSKELETAL SYSTEM

Bone

+ +

Osteosarcoma

X

NERVOUS SYSTEM

Brain

+ +

Spinal Cord

+ +

Osteosarcoma, Metastatic, Bone

X

RESPIRATORY SYSTEM

Larynx

+ +

Lung

+ +

Alveolar/Bronchiolar Adenoma

Alveolar/Bronchiolar Carcinoma

X

Alveolar/Bronchiolar Carcinoma, Multiple

X

Carcinoma, Metastatic, Harderian 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

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

| |
|---------------------------------|
| Osteosarcoma, Metastatic, Bone | X | |
| Nose | + |
| Respiratory Epithelium, Adenoma | X | |
| Trachea | + |

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

| |
|------------------------------------|
| Kidney | + |
| Osteosarcoma, Metastatic, Bone | X | |
| Transitional Epithelium, Carcinoma | |
| Urinary Bladder | A | + |

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

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 Requested: 07/11/2006

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Lab: BNW

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

Multiple Organ
Histiocytic Sarcoma
Lymphoma Malignant

.....
+
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

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Lab: BNW

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

ALIMENTARY SYSTEM

| | |
|--------------------------------|----|
| Esophagus | + | 50 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | I | + | + | I | + | + | + | 44 |
| Intestine Large, Cecum | + | 49 |
| 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 | X | | | | 4 |
| Osteosarcoma, Metastatic, Bone | | 1 |
| Mesentery | | | | | | | | | | | | | | | + | | | | | + | | | | | 5 |
| Osteosarcoma, Metastatic, Bone | | 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
32 PPM | DAY ON TEST | 7 | 7 |
| | | 3 | 3 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 7 | 7 |
| | | 1 | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 |
| | | 7 | 2 | 3 | 4 | 0 | 3 | 4 | 8 | 1 | 3 | 5 | 7 | 9 | 5 | 6 | 8 | 1 | 3 | 6 | 7 | 9 | 0 | 2 | 9 |
| | | * TOTALS | |

| | |
|---------------------------|----|
| Pancreas | + | 49 |
| Sarcoma, Metastatic, Skin | | 1 |
| Salivary Glands | + | 50 |
| Stomach, Forestomach | + | 50 |
| Stomach, Glandular | + | 49 |

CARDIOVASCULAR SYSTEM

| | |
|-----------------|----|
| Heart | + | 50 |
| Hemangiosarcoma | | 1 |

ENDOCRINE SYSTEM

| | |
|----------------------------|----|
| Adrenal Cortex | + | 50 |
| Hemangiosarcoma | 1 |
| Adrenal Medulla | + | 50 |
| Pheochromocytoma Benign | 1 |
| Pheochromocytoma Malignant | | | | | | | | | | | | | | X | | | | | | | | | | | 1 |
| Islets, Pancreatic | + | 49 |

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

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

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

| | |
|--------------------------|----|
| Parathyroid Gland | + | + | M | M | M | + | + | M | + | + | + | M | M | + | M | + | + | M | M | + | + | + | M | + | + | 33 |
| Pituitary Gland | + | 50 |
| Pars Distalis, Adenoma | | | | | | | | | | | | X | | | | | | | | | | | | X | | 5 |
| Pars Intermedia, Adenoma | | X | | | 1 |
| Thyroid Gland | + | 50 |

GENERAL BODY SYSTEM
NONE

GENITAL SYSTEM

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

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

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TDMS No. 97008 - 06

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

HEMATOPOIETIC SYSTEM

| | | |
|--------------------------------|----|----|
| Bone Marrow | + | 50 | |
| Lymph Node | 4 | |
| Lymph Node, Bronchial | + | M | M | M | + | + | M | M | + | + | + | + | M | + | + | + | + | + | + | + | + | M | M | + | 32 | |
| Lymph Node, Mandibular | M | + | + | M | + | + | + | + | + | M | M | + | + | + | + | + | + | + | + | M | + | + | + | + | 39 | |
| Lymph Node, Mediastinal | + | M | + | M | M | + | + | + | M | M | + | M | M | + | + | + | M | M | + | + | M | + | + | M | + | 33 |
| Lymph Node, Mesenteric | + | 49 | |
| Spleen | + | 50 | |
| Hemangiosarcoma | 1 | |
| Osteosarcoma, Metastatic, Bone | | 1 | |
| Thymus | + | 50 | |

INTEGUMENTARY SYSTEM

| | |
|---------------|----|
| Mammary Gland | + | 48 |
| Carcinoma | 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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| B6C3F1 MICE FEMALE
32 PPM | | DAY ON TEST | | 7 | 7 | | | |
|------------------------------|--|-------------|---|----------|
| | | | | 3 | 3 | | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | |
| B6C3F1 MICE FEMALE
32 PPM | | ANIMAL ID | | 0 | 0 | | | |
| | | | | 0 | 0 | | |
| | | | | 7 | 7 | | |
| | | | | 1 | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | |
| | | | | 7 | 2 | 3 | 4 | 0 | 3 | 4 | 8 | 1 | 3 | 5 | 7 | 9 | 5 | 6 | 8 | 1 | 3 | 6 | 7 | 9 | 0 | 2 | 9 | 0 |
| | | | | * TOTALS | |

| | |
|------------------------------|----|
| Skin | + | 50 |
| Subcutaneous Tissue, Sarcoma | | X | | | | 2 |

MUSCULOSKELETAL SYSTEM

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

NERVOUS SYSTEM

| | |
|--------------------------------|----|
| Brain | + | 50 |
| Spinal Cord | 1 |
| Osteosarcoma, Metastatic, Bone | | 1 |

RESPIRATORY SYSTEM

| | |
|--|----|
| Larynx | + | 50 |
| Lung | + | 50 |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | X | | | | | | | | | X | | X | | | | | | 3 |
| Alveolar/Bronchiolar Carcinoma | 1 |
| Alveolar/Bronchiolar Carcinoma, Multiple | | 1 |
| Carcinoma, Metastatic, Harderian Gland | 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
32 PPM | DAY ON TEST | 7 | 7 |
| | | 3 | 3 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | ANIMAL ID | 0 | 0 |
| | | 0 | 0 |
| | | 7 | 7 |
| | | 1 | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 |
| | | 7 | 2 | 3 | 4 | 0 | 3 | 4 | 8 | 1 | 3 | 5 | 7 | 9 | 5 | 6 | 8 | 1 | 3 | 6 | 7 | 9 | 0 | 2 | 9 |
| | | * TOTALS | |

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