

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

F1_M3

C Number: C20011

Lock Date: 06/15/2006

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include ALL

Study Gender: Both

TDMSE Version: 2.0.0

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Lab: BNW

ALIMENTARY SYSTEM

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

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

| .. Insufficient tissue

BEANK :: Not examined microscopically

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INTEGUMENTARY SYSTEM

Mammary Gland

Skin

Subcutaneous Tissue, Lymphoma Malignant

MUSCULOSKELETAL SYSTEM

Bone

+

Osteosarcoma

NERVOUS SYSTEM

Brain

+

RESPIRATORY SYSTEM

Laryn

Lung

Alveolar/Bronchiolar Adenoma

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	DAY ON TEST		0		7		14		21		28		35		42		49		56		63		70		
	0	7	0	7	0	7	0	7	0	7	0	7	0	7	0	7	0	7	0	7	0	7	0	7	
	2	3	3	3	1	2	2	3	3	3	2	2	3	2	3	3	2	0	3	2	2	3	2	8	3
	9	0	0	0	8	9	9	1	1	0	9	9	0	9	1	1	9	1	1	9	9	0	9	6	0
B6C3F1 MICE MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CONTROL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	
																								males (cont...)	

Hepatoblastoma, Metastatic Liver

Lymphoma Malignant

SYSTEMIC LESIONS

Lymphoma Malignant

- * .. Total animals with tissue examined microscopically; Total animals with tumor
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CARDIOVASCULAR SYSTEM

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		DAY ON TEST																									
		ANIMAL ID																								* TOTALS	
B6C3F1 MICE MALE		CONTROL																									
Blood Vessel																											3
Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Carcinoma, Metastatic, Pancreas																											1
Hepatocholangiocarcinoma, Metastatic, Liver																											1

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Adenoma					X																						1
Subcapsular, Adenoma																											3
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pheochromocytoma Benign																											1
Islets, Pancreatic	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48	
Parathyroid Gland	M	+	+	+	+	+	+	+	+	M	M	M	M	M	M	+	+	+	+	M	+	M	I	+	M	+	21
Pituitary Gland	+	+	+	+	A	+	+	M	+	+	+	+	+	+	+	+	+	+	+	I	+	I	+	+	+	46	
Pars Distalis, Adenoma																											1
Thyroid Gland	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	

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GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Coagulating Gland		+	1
Epididymis	+	+	50
Preputial Gland	+	+	49
Prostate	+	+	49
Seminal Vesicle	+	+	48
Adenoma	A		1
Testes	+	+	50

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Lymphoma Malignant																								X	1
.....																									
Lymph Node																									1

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INTEGUMENTARY SYSTEM

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Subcutaneous Tissue, Lymphoma Malignant																	X							1

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

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

Hepatocarcinoma, Metastatic,
Liver X 1

Lymphoma Malignant X 1

SYSTEMIC LESIONS

Lymphoma Malignant X 2

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Hepatocellular Carcinoma, Metastatic Liver

Histiocytic Sarcoma

x

ENDOCRINE SYSTEM

Adrenal Cortex

Subcapsular, Adenoma

Adrenal Medulla

+ + + + + + + + + M +

Islets, Pancreatic Adenoma

Parathyroid Gland

\pm \pm \pm M M M \pm \pm \pm \pm \pm \pm M \pm M M M M M M M \pm M M M

Pituitary Gland
Pars Distalis Adenoma

Thyroid Gland

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

GENERAL BODY SYSTEM

NONE

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GENITAL SYSTEM

HEMATOPOIETIC SYSTEM

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NERVOUS SYSTEM

RESPIRATORY SYSTEM

Alveolar/Bronchiolar Adenoma X X

Alveolar/Bronchiolar Adenoma, Multiple

Alveolar/Bronchiolar Carcinoma X X X

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

Hepatocarcinoma, Metastatic,
Liver X

Histiocytic Sarcoma X

Osteosarcoma, Metastatic, Uncertain

Primary Site

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Histiocytic Sarcoma

X

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ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Gallbladder	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	A	A	+	+	+	+	+	40
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	48
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	48
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	48
Intestine Small, Duodenum Polyp Adenomatous	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	48
Intestine Small, Ileum	X																							1
Intestine Small, Jejunum Carcinoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	48
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	50
Hemangiosarcoma																								1
Hepatoblastoma																								1
Hepatocellular Adenoma	X				X		X	X									X					X		14

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<http://www.fcc.gov/encyclopedia>

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B6C3F1 MICE MALE 62.5 PPM	ANIMAL ID	DAY ON TEST																								* TOTALS	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		7	7	7	7	7	7	7	6	6	7	7	7	7	6	6	7	4	7	7	7	7	6	7	6	7	
		3	2	3	2	3	2	2	3	3	8	2	2	2	3	3	6	5	0	2	2	3	3	3	9	2	
		0	9	1	9	1	9	9	0	1	4	9	9	9	0	0	0	5	9	4	9	0	0	0	6	9	
Hepatocellular Adenoma, Multiple		X		X		X																					18
Hepatocellular Carcinoma																											8
Hepatocellular Carcinoma, Multiple																											7
Hepatocholangiocarcinoma																											1
Histiocytic Sarcoma																											1
Mesentery		+	+	+																							11
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Tooth		+																									8

CARDIOVASCULAR SYSTEM

Blood Vessel																											1
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemangiosarcoma																											1

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Lab: BNW

Hepatocellular Carcinoma, Metastatic Liver

Histiocytic Sarcoma

x

1

ENDOCRINE SYSTEM

GENERAL BODY SYSTEM

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GENITAL SYSTEM

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangiosarcoma					X																					1
Histiocytic Sarcoma																									X	1
Lymph Node																								+		1
Renal, Histiocytic Sarcoma																								X		1

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Lab: BNW

B6C3F1 MICE MALE 62.5 PPM	ANIMAL ID	DAY ON TEST																								* TOTALS	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		7	7	7	7	7	7	7	6	6	7	7	7	7	7	6	6	7	4	7	7	7	7	6	7		
		3	2	3	2	3	2	2	3	3	8	2	2	2	3	3	6	5	0	2	2	3	3	3	9	2	
		0	9	1	9	1	9	9	0	1	4	9	9	9	0	0	0	5	9	4	9	0	0	0	6	9	
Lymph Node, Bronchial		+	+	M	M	+	+	+	+	+	M	M	+	+	+	+	+	+	M	+	+	M	M	M	+	30	
Hepatocellular Carcinoma, Metastatic, Liver																			X								1
Hepatocholangiocarcinoma, Metastatic, Liver																											1
Histiocytic Sarcoma																				X							1
Lymph Node, Mandibular		+	M	M	+	+	M	M	+	M	+	+	+	+	M	+	M	M	+	+	+	+	M	M	M	+	28
Histiocytic Sarcoma																				X							1
Lymph Node, Mediastinal		M	M	+	+	M	M	+	+	+	+	+	+	+	M	+	M	M	+	+	+	+	M	M	M	+	32
Hepatocellular Carcinoma, Metastatic, Liver																				X							1
Hepatocholangiocarcinoma, Metastatic, Liver																											1
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	M	I	46
Hepatocellular Carcinoma, Metastatic, Liver																				X							1
Histiocytic Sarcoma																				X							1
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemangiosarcoma																				X							1
Histiocytic Sarcoma																											1
Mast Cell Tumor Malignant, Metastatic,																											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. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

Uncertain Primary Site

Thymus + M + + + + + + + + M + M + + + + + M + M M + + M + 35
Hepatocarcinoma, Metastatic, 1
Liver
Histiocytic Sarcoma 1

INTEGUMENTARY SYSTEM

MUSCULOSKELETAL SYSTEM

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

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

NERVOUS SYSTEM

RESPIRATORY SYSTEM

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

+ .. Tissue examined microscopically

x ... Lesion present

| Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

SPECIAL SENSES SYSTEM

URINARY SYSTEM

SYSTEMIC LESIONS

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

+ .. Tissue examined microscopically

x ... Lesion present

| Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

Histiocytic Sarcoma

X

2

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

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

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

Skeletal Muscle

Alveolar/Bronchiolar Carcinoma Metastatic, Lung

**males
(cont...)**

NERVOUS SYSTEM

RESPIRATORY SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

.. Lesion present
 .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

Alveolar/Bronchiolar Carcinoma, Metastatic, Lung

Hepatocellular Carcinoma, Metastatic, Liver

Hepatoblastoma, Metastatic Liver

X

Urinary Bladder + + + + + + + + + + + + + + + + + + A + + + + + + A

SYSTEMIC LESIONS

Histiocytic Sarcoma

Lymphoma Malignant

X X

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

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Gallbladder	M	M	M	+	+	A	+	+	M	A	+	+	+	+	+	+	M	I	+	M	+	+	34
Intestine Large, Cecum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Intestine Large, Colon	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Intestine Large, Rectum	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	43
Intestine Small, Duodenum	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	43
Intestine Small, Ileum	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	43
Intestine Small, Jejunum	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	43
Carcinoma																	X						1
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemangiosarcoma																							1
Hepatoblastoma																							1
Hepatocellular Adenoma	X	X	X	X	X	X		X		X		X		X		X		X	X	X	X	X	19
Hepatocellular Adenoma, Multiple							X	X	X	X	X	X	X	X	X	X						X	14

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

M .. Missing tissue

+ .. Tissue examined microscopically

A. Autolysis precludes evaluation

x ... Lesion present

BLANK - Not examined microscopically

| Insufficient tissue

BEAK: Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

CARDIOVASCULAR SYSTEM

Heart

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

M .. Missing tissue

+ .. Tissue examined microscopically

A. Autolysis precludes evaluation

x .. Lesion present

BLANK - Not examined microscopically

.. Lesion present
 Insufficient tissue

BEANK :: Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

Alveolar/Bronchiolar Carcinoma Metastatic, Lung

X

1

Hepatocarcinoma, Metastatic Liver

x

1

ENDOCRINE SYSTEM

GENERAL BODY SYSTEM

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

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

Lymph Node, Mesenteric + + + + + + | + M + + + + + + + + M + + + + + + + + + A 44

Carcinoma, Metastatic, Pancreas X

Histiocytic Sarcoma 1

Histiocytic Sarcoma

Lymphoma Malignant X 3

Thymus + M + + M M + + + M + + + + M M + + + + + M + + M 37

INTEGUMENTARY SYSTEM

Hepatocarcinoma, Metastatic, Liver X 1

Subcutaneous Tissue,
Hemangiosarcoma

Subcutaneous Tissue, Sarcoma X 11

MUSCULOSKELETAL SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

| Insufficient tissue

M .. Missing tissue

A.: Autolysis precludes evaluation

BLANK - Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

B6C3F1 MICE MALE 125 PPM		ANIMAL ID	DAY ON TEST																				* TOTALS
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			7	6	7	5	6	7	7	7	6	7	7	6	7	7	7	6	7	7	7	7	
			3	9	3	3	3	0	0	3	3	2	1	2	2	3	5	0	3	2	8	3	3
			0	0	4	0	7	4	2	0	0	9	7	9	9	0	5	9	1	9	2	0	0
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Skeletal Muscle																					+		
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																					X		

NERVOUS SYSTEM

RESPIRATORY SYSTEM

Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Alveolar/Bronchiolar Adenoma										X											4
Alveolar/Bronchiolar Carcinoma								X	X		X	X								X	8
Alveolar/Bronchiolar Carcinoma, Multiple																			X		2
Carcinoma, Metastatic, Harderian Gland																					1
Carcinoma, Metastatic, Pancreas						X															1
Hemangiosarcoma, Metastatic, Liver																					1
Hepatocellular Carcinoma, Metastatic, Liver	X	X			X		X	X								X		X	X	X	12
Hepatocholangiocarcinoma, Metastatic,																	X				1

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

M .. Missing tissue

† ... Tissue examined microscopically

A.. Autolysis precludes evaluation

x Lesion present

BLANK Not examined microscopically

.. Lesion present
 Insufficient tissue

BLANK .. Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

Alveolar/Bronchiolar Carcinoma,
Metastatic, Lung X 1

Hepatocellular Carcinoma, Metastatic,
Liver

Hepatocarcinoma, Metastatic,
Liver X 1

SYSTEMIC LESIONS

Histiocytic Sarcoma

Lymphoma Malignant X 3

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropan

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

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

ALIMENTARY SYSTEM

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

M .. Missing tissue

+ ... Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

x .. Eosin present
| .. Insufficient tissue

DEAN :: Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

		DAY ON TEST																				
		ANIMAL ID																				
B6C3F1 MICE MALE		250 PPM																				males (cont...)
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		7	7	6	0	7	6	0	7	7	7	5	7	7	7	4	7	6	7	7	5	
		0	3	8	4	3	4	4	3	2	3	6	3	3	2	6	2	0	3	3	2	
		8	1	4	7	0	5	7	0	9	1	2	1	0	9	8	9	4	0	0	9	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
		0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
Epididymis		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Preputial Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Prostate		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Testes		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Interstitial Cell, Adenoma														X								

HEMATOPOIETIC SYSTEM

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

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

| .. Insufficient tissue

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TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

Hepatocarcinoma, Metastatic Liver

NERVOUS SYSTEM

RESPIRATORY SYSTEM

- Alveolar/Bronchiolar Adenoma
- Alveolar/Bronchiolar Adenoma, Multiple
- Alveolar/Bronchiolar Carcinoma
- Alveolar/Bronchiolar Carcinoma, Multiple
- Hepatocellular Carcinoma, Metastatic,
Liver
- Hepatocarcinoma, Metastatic,
Liver

1

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

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

SYSTEMIC LESIONS

Multiple Organ

males
(cont...)

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

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Gallbladder	+	M	+	+	+	+	+	+	+	A	+	+	+	M	M	+	I	+	+	+	+	38	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	46	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	47	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	48	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	46	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	46	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	46	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemangiosarcoma										X												1	
Hepatocellular Adenoma	X		X			X				X	X	X	X			X	X					15	
Hepatocellular Adenoma, Multiple		X		X																		X	8
Hepatocellular Carcinoma															X			X					7
Hepatocellular Carcinoma, Multiple			X											X					X				4

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

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

CARDIOVASCULAR SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

.. Lesion present
 .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

ENDOCRINE SYSTEM

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

		DAY ON TEST																			
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		7	4	7	7	7	7	7	7	7	7	3	7	7	7	7	7	7	7	7	4
		2	1	2	2	2	2	3	3	3	3	6	2	2	2	3	0	3	2	3	7
		9	7	9	9	9	9	0	0	1	0	0	0	9	9	9	1	2	0	9	0
B6C3F1 MICE MALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
250 PPM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
		2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5
																				* TOTALS	
Epididymis		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Preputial Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Prostate		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Testes		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Interstitial Cell, Adenoma																				1	

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hemangiosarcoma																								1		
<hr/>																										
Lymph Node, Bronchial	+	+	+	+	+	+	+	M	+	M	M	+	+	M	+	M	M	+	+	M	+	+	+	M	+	31
Hepatocarcinoma, Metastatic, Liver																							X		2	
<hr/>																										
Lymph Node, Mandibular	+	M	M	M	M	+	+	M	+	+	+	+	+	M	+	+	+	+	M	M	M	M	+	M	+	26
Lymph Node, Mediastinal	M	M	+	M	M	M	M	M	+	+	M	+	+	+	M	+	+	+	M	+	+	+	+	M	+	34
Hepatocarcinoma, Metastatic, Liver																							X		2	

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

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

| Insufficient tissue

BEANK ... Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

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First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

Hepatocarcinoma, Metastatic,
Liver X 1

Thymus + + + + + I M + I + M M M + + M M + + + + + M + + + M 32

INTEGUMENTARY SYSTEM

Subcutaneous Tissue, Fibrous
Histiocytoma X 1

MUSCULOSKELETAL SYSTEM

Hemangiosarcoma 1

Skeletal Muscle + 2

Hemangiosarcoma 1

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

+ .. Tissue examined microscopically

x .. Lesion present

x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

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Species/Strain: MICE/B6C3F1

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Date Report Requested: 10/01/2008

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First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

SYSTEMIC LESIONS

Multiple Organ

*** END OF MALE DATA ***

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

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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Lab: BNW

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

+ .. Tissue examined microscopically

x ... Lesion present

x .. Lesion present
| Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

BLANK :: Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

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

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

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

Peripheral Nerve

Spinal Cord

RESPIRATORY SYSTEM

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

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

Urinary Bladder

Hemangiosarcoma

X X X X

Lymphoma Malignant

SYSTEMIC LESIONS

Multiple Organ

Histiocytic Sarcoma

Lymphoma Malignant

× × × × × × × × ×

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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

ALIMENTARY SYSTEM

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

M .. Missing tissue

+ .. Tissue examined microscopically

A.. Autolysis precludes evaluation

x .. Lesion present

BLANK - Not examined microscopically

| Insufficient tissue

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

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Lab: BNW

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

M .. Missing tissue

+ .. Tissue examined microscopically

A.. Autolysis precludes evaluation

x ... Lesion present

BLANK - Not examined microscopically

| Insufficient tissue

BEANK :: Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

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Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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Lab: BNW

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemangiosarcoma															X										1
Histiocytic Sarcoma																									1
Lymphoma Malignant				X													X					X			5

ENDOCRINE SYSTEM

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

M .. Missing tissue

† ... Tissue examined microscopically

A.. Autolysis precludes evaluation

- + .. Tissue examined
- x Lesion present

BLANK Not examined microscopically

.. Lesion present
 Insufficient tissue

BLANK .. Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemangiosarcoma																							1	
Histiocytic Sarcoma																							1	
Lymphoma Malignant	X	X						X				X	X							X			15	
<hr/>																								
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Lymphoma Malignant	X	X										X				X	X							11

INTEGUMENTARY SYSTEM

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

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Carcinoma, Metastatic, Pituitary Gland																				X		1
Lymphoma Malignant																						1
Peripheral Nerve																		+				1
Spinal Cord																			+			1

RESPIRATORY SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

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Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

		DAY ON TEST																									
		ANIMAL ID																								* TOTALS	
B6C3F1 MICE FEMALE		CONTROL																									
Lymphoma Malignant		X	X																								8
Sarcoma, Metastatic, Skin																											1
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Histiocytic Sarcoma																											1
Lymphoma Malignant																											1
Trachea		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

SPECIAL SENSES SYSTEM

Eye	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	47	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Adenoma																X											3
Carcinoma																	X										2
Lymphoma Malignant																											2

URINARY SYSTEM

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Histiocytic Sarcoma																											1
Lymphoma Malignant																X											9

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

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Lab: BNW

Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemangiosarcoma																X								1
Lymphoma Malignant	X	X															X						X	8

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Histiocytic Sarcoma																							1
Lymphoma Malignant	X	X						X			X	X			X		X	X					17

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

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

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Date Report Requested: 10/01/2008

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First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

NONE

GENITAL SYSTEM

HEMATOPOIETIC SYSTEM

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

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

TDMS No. 20011 - 06

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Route: RESPIRATORY EXPOSURE WHOLE BODY

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Lab: BNW

SPECIAL SENSES SYSTEM

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

+ .. Tissue examined microscopically

x .. Lesion present

X .. Essien present
| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

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First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

Carcinoma

Lymphoma Malignant

X

Zymbal's Gland

+

Carcinoma

URINARY SYSTEM

Kidney

Lymphoma Malignant

Urinary Bladder

SYSTEMIC LESIONS

Multiple Organ

Lymphoma Malignant

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

M .. Missing tissue
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TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

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x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

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Lab: BNW

CARDIOVASCULAR SYSTEM

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

M .. Missing tissue
A .. Autolysis precludes evaluation
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First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

NONE

GENITAL SYSTEM

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																						1
Lymph Node															+			+			+	5

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

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First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

B6C3F1 MICE FEMALE 62.5 PPM	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		
		7	6	7	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6			
		3	7	3	3	3	7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	6		
		3	3	2	3	2	8	3	1	2	3	3	1	3	3	2	3	3	2	3	2	1	3	1	9	0		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
* TOTALS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Iliac, Lymphoma Malignant																										1		
Lumbar, Lymphoma Malignant																										1		
Renal, Lymphoma Malignant																										1		
Lymph Node, Bronchial Lymphoma Malignant		+ A	M	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	M	M	32	
																											5	
X																												
Lymph Node, Mandibular Lymphoma Malignant		I	+	M	+	+	M	M	+	+	+	+	+	+	+	+	+	I	M	M	M	+	M	+	M	+	30	
																											4	
X																												
Lymph Node, Mediastinal Lymphoma Malignant		+ A	+	+	M	+	+	+	+	M	M	+	+	+	+	+	+	M	+	+	M	+	+	+	M	+	39	
																											5	
X																												
Lymph Node, Mesenteric Lymphoma Malignant		+ A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	47		
																											7	
X																												
Spleen		+ A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Hemangiosarcoma																											1	
Lymphoma Malignant																											9	
X																												
Thymus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	M	M	45	
Lymphoma Malignant																											4	

INTEGUMENTARY SYSTEM

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

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

B6C3F1 MICE FEMALE 62.5 PPM	ANIMAL ID	DAY ON TEST																								* TOTALS
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		7	6	7	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6
		3	7	3	3	3	3	7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0
		3	3	2	3	2	8	3	1	2	3	3	1	3	3	2	3	3	2	3	3	2	1	3	1	9
Larynx		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar/Bronchiolar Adenoma																X			X			X				6
Alveolar/Bronchiolar Carcinoma															X	X				X			X			5
Alveolar/Bronchiolar Carcinoma, Multiple																										2
Choriocarcinoma, Metastatic, Uterus																										1
Hepatocellular Carcinoma, Metastatic, Liver																X										1
Lymphoma Malignant																		X								4
Bronchiole, Adenoma																							X			1
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																										1
Trachea		+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Lymphoma Malignant																										1

SPECIAL SENSES SYSTEM

Eye	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Harderian Gland	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Adenoma															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. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

Carcinoma X 1

Lymphoma Malignant

Zymbal's Gland

Carcinoma 1

URINARY SYSTEM

Lymphoma Malignant X 3

Lymphoma Malignant X 4

SYSTEMIC LESIONS

Lymphoma Malignant X X X 9

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

+ .. Tissue examined microscopically

x .. Lesion present

X .. Lesion present
| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

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

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

X .. Essien present
| .. Insufficient tissue

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

Primary Site

Lymphoma Malignant

Pleura

Histiocytic Sarcoma

Trachea +

SPECIAL SENSES SYSTEM

Adenoma

Lymphoma Malignant

URINARY SYSTEM

Kidney + + + + A +

Hepatoblastoma, Metastatic, Liver

Histiocytic Sarcoma

Lymphoma Malignant

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

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

Urinary Bladder

Lymphoma Malignant

females (cont...)

SYSTEMIC LESIONS

Multiple Organ

Histiocytic Sarcoma

Lymphoma Malignant

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

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Gallbladder	+	+	+	+	+	A	+	I	+	+	+	+	+	+	+	+	+	+	+	M	M	A	+	+	36
Lymphoma Malignant																	X							1	
Intestine Large, Cecum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	46
Leiomyoma																								1	
Intestine Large, Colon	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	46
Leiomyoma																								1	
Intestine Large, Rectum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	46
Intestine Small, Duodenum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	46
Intestine Small, Ileum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	46
Intestine Small, Jejunum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	46
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hepatoblastoma																								1	
Hepatocellular Adenoma															X		X	X						13	

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

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

X .. Essien present
| .. Insufficient tissue

DEAN :: Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

CARDIOVASCULAR SYSTEM

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

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

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

HEMATOPOIETIC SYSTEM

Bone Marrow + A + + + 49

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

† .. Tissue examined microscopically

x Lesion present

| Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK Not examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

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

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

| .. Insufficient tissue

DE WITTE NOT EXAMINED MICROSCOPICALLY

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemangiosarcoma																								1
Histiocytic Sarcoma							X																	2
Lymphoma Malignant					X	X	X		X	X	X			X									X	14
Thymus	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	M	+	+	45
Histiocytic Sarcoma								X																1
Lymphoma Malignant						X																		6
Thymoma Benign																				X				1

INTEGUMENTARY SYSTEM

MUSCULOSKELETAL SYSTEM

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

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

NERVOUS SYSTEM

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																						X		1
Meningioma Benign																								1
Peripheral Nerve																				+				1
Spinal Cord																					+			1

RESPIRATORY SYSTEM

Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
.....																						
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar/Bronchiolar Adenoma							X														X	4
Alveolar/Bronchiolar Carcinoma					X																X	4
Alveolar/Bronchiolar Carcinoma, Multiple																						1
Hepatoblastoma, Metastatic, Liver																						1
Histiocytic Sarcoma						X														X		2
Lymphoma Malignant				X			X														X	8
Osteosarcoma, Metastatic, Uncertain																		X				1

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

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

X .. Essien present
| .. Insufficient tissue

DEAN :: Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

Primary Site

SPECIAL SENSES SYSTEM

URINARY SYSTEM

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

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

SYSTEMIC LESIONS

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

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

ALIMENTARY SYSTEM

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

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

| .. Insufficient tissue

<http://www.w3.org/Style/URI>

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

Leiomyosarcoma, Metastatic, Intestine Small, Jejunum

x

CARDIOVASCULAR SYSTEM

Heart

ENDOCRINE SYSTEM

Adrenal Cortex

Hepatocarcinoma, Metastatic Liver

Adrenal Medulla

Islets, Pancreatic

Parathyroid Gland

Pituitary Gland

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

M .. Missing tissue

† .. Tissue examined microscopically

A.. Autolysis precludes evaluation

- + .. Tissue examined
- x Lesion present

BLANK Not examined microscopically

.. Lesion present
 Insufficient tissue

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

B6C3F1 MICE FEMALE 250 PPM	ANIMAL ID	DAY ON TEST																								females (cont...)	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		7	6	7	7	7	7	6	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
		3	4	3	3	3	3	3	5	3	3	6	3	3	3	3	3	3	3	3	3	3	3	3	3		
		3	9	1	3	3	1	5	1	1	3	2	2	3	3	1	0	2	3	2	1	3	3	2	3		
Lymphoma Malignant																					X				X		
Lymph Node		+			+	+															+	+				+	
Iliac, Lymphoma Malignant		X																			X					X	
Lumbar, Lymphoma Malignant																											
Pancreatic, Lymphoma Malignant																											
Renal, Histiocytic Sarcoma																											
Renal, Lymphoma Malignant		X																									
Lymph Node, Bronchial		+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	M	+	M	+	M	+	M	+	M	+	
Hepatocholangiocarcinoma, Metastatic, Liver																											
Histiocytic Sarcoma																											
Lymphoma Malignant		X	X			X															X	X				X	
Lymph Node, Mandibular		+	+	+	M	+	+	+	+	+	+	+	+	+	+	M	M	+	M	+	M	+	M	+	M	+	
Histiocytic Sarcoma																											
Lymphoma Malignant		X	X			X															X				X	X	
Lymph Node, Mediastinal		+	+	M	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	
Hepatocholangiocarcinoma, Metastatic, Liver																											
Histiocytic Sarcoma																											
Lymphoma Malignant		X	X			X															X	X				X	

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

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

I .. Insufficient tissue

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

Skeletal Muscle

Hepatoblastoma, Metastatic Liver

females (cont...)

NERVOUS SYSTEM

Peripheral Nerve

Spinal Cord

RESPIRATORY SYSTEM

Larynx +

Alveolar/Bronchiolar Adenoma
Alveolar/Bronchiolar Adenoma, Multiple
Alveolar/Bronchiolar Carcinoma

x x

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

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

Hepatocarcinoma, Metastatic Liver

Histiocytic Sarcoma

Lymphoma Malignant

X

X X

X

Urinary Bladder

Lymphoma Malignant

SYSTEMIC LESIONS

Multiple Organ

Histiocytic Sarcoma

Lymphoma Malignant

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

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

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

	DAY ON TEST	0 7 3 2	0 7 3 3	0 7 3 1	0 7 3 0	0 7 3 3	0 7 3 3	0 7 6 8	0 7 3 2	0 7 3 7	0 7 3 2	0 7 3 2	0 7 3 2	0 7 3 1	0 7 3 1	0 7 3 2									
B6C3F1 MICE FEMALE		0 0 0 0																							
250 PPM	ANIMAL ID	7 7 7 2 6	7 7 7 2 7	7 7 7 3 1	7 7 7 3 0	7 7 7 3 3																			
																									* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Gallbladder	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Lymphoma Malignant																									2
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hepatocarcinoma, Metastatic, Liver															X										1
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Leiomyosarcoma																									1
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemangiosarcoma															X										1
Hepatocellular Adenoma	X								X		X				X									9	

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

+ .. Tissue examined microscopically

x .. Lesion present

l .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

1-Bromopropane

CAS Number: 106-94-5

Date Report Requested: 10/01/2008

Time Report Requested: 09:42:38

First Dose M/F: 07/21/03 / 07/21/03

Lab: BNW

B6C3F1 MICE FEMALE 250 PPM	ANIMAL ID	DAY ON TEST																								* TOTALS	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		7	7	5	7	7	7	7	7	7	5	7	4	7	7	7	7	7	7	7	7	7	7	7	7		
		3	3	5	3	3	3	1	0	3	3	3	6	3	7	3	3	3	3	3	3	3	3	3	3		
		2	3	4	1	3	3	1	9	3	2	1	3	8	2	0	2	2	2	1	1	2	1	3	3	2	
Hepatocellular Adenoma, Multiple																										X X	3
Hepatocholangiocarcinoma																										X	1
Histiocytic Sarcoma																										X	1
Lymphoma Malignant																										X	8
Mesentery		+	+					+	+	+															+	+	13
Hepatocholangiocarcinoma, Metastatic, Liver																										X	1
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hepatocholangiocarcinoma, Metastatic, Liver																										X	1
Lymphoma Malignant																											1
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymphoma Malignant																											2
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hepatocholangiocarcinoma, Metastatic, Liver																										X	1
Squamous Cell Papilloma																										X	2
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hepatocholangiocarcinoma, Metastatic, Liver																											1

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TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

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GENERAL BODY SYSTEM

Peritoneum
Leiomyosarcoma, Metastatic, Intestine
Small, Jejunum

GENITAL SYSTEM

HEMATOPOIETIC SYSTEM

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+ .. Tissue examined microscopically

x ... Lesion present

x .. Lesion present
| Insufficient tissue

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BLANK - Not examined microscopically

TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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Lab: BNW

B6C3F1 MICE FEMALE 250 PPM	ANIMAL ID	DAY ON TEST																								* TOTALS	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		7	7	5	7	7	7	7	7	7	5	7	4	7	7	7	7	7	7	7	7	7	7	7	7		
		3	3	5	3	3	3	1	0	3	3	3	6	3	7	3	3	3	3	3	3	3	3	3	3		
		2	3	4	1	3	3	1	9	3	2	1	3	8	2	0	2	2	2	1	1	2	1	3	3	2	
Lymphoma Malignant																					X					3	
Lymph Node																										8	
Iliac, Lymphoma Malignant																										3	
Lumbar, Lymphoma Malignant																										1	
Pancreatic, Lymphoma Malignant																										1	
Renal, Histiocytic Sarcoma																										1	
Renal, Lymphoma Malignant																										2	
Lymph Node, Bronchial		M	M	+	+	M	M	+	+	+	+	+	+	M	+	+	+	+	+	M	M	+	+	+	M	+	34
Hepatocholangiocarcinoma, Metastatic, Liver																										1	
Histiocytic Sarcoma																										2	
Lymphoma Malignant																										6	
Lymph Node, Mandibular		+	M	+	+	M	+	M	+	+	+	+	M	+	+	+	+	+	+	M	+	+	M	M	+	37	
Histiocytic Sarcoma																										1	
Lymphoma Malignant																										6	
Lymph Node, Mediastinal		+	+	+	+	+	+	M	+	+	M	M	+	+	+	+	M	+	+	M	M	M	M	+	+	37	
Hepatocholangiocarcinoma, Metastatic, Liver																										1	
Histiocytic Sarcoma																										2	
Lymphoma Malignant																										7	

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TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

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Lab: BNW

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Adenosquamous Carcinoma					X																			2	
Carcinoma																								1	
<hr/>																									
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Subcutaneous Tissue, Sarcoma																			X						1

MUSCULOSKELETAL SYSTEM

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| .. Insufficient tissue

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TDMS No. 20011 - 06

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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Lab: BNW

Skeletal Muscle + 1

Hepatocarcinoma, Metastatic,
Liver X 1

NERVOUS SYSTEM

Lymphoma Malignant 1

Peripheral Nerve + 1

Spinal Cord + 1

RESPIRATORY SYSTEM

Alveolar/Bronchiolar Adenoma X X X 8

2 Alveolar/Bronchiolar Adenoma, Multiple

Alveolar/Bronchiolar Carcinoma X 3

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| Insufficient tissue

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TDMS No. 20011 - 06

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Lab: BNW

Hepatocarcinoma, Metastatic,
Liver X

Histiocytic Sarcoma X 1

Lymphoma Malignant

SYSTEMIC LESIONS

*** END OF REPORT ***

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+ .. Tissue examined microscopically

x ... Lesion present

x .. Lesion present
| Insufficient tissue

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