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 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 ISOEUGENOL  
 CAS Number: 97-54-1  
 Pathologist: Blackshear, P. - GRUMBEIN, S.

Date Report Reqsted: 10/04/2006  
 Time Report Reqsted: 13:43:51  
 First Dose M/F: 05/09/02 / 05/08/02  
 Lab: BNW

	DAY ON TEST																										
	5 3 1	7 2 8	7 2 9	6 9 8	7 2 8	3 7 9	7 2 7	7 2 9	6 5 0	7 2 9	7 2 8	7 2 7	7 2 8	7 2 8	7 2 8	7 2 8	7 2 7	7 2 9	7 2 8	7 2 7	7 2 9	7 2 7	7 2 9	7 2 7			
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	<b>300 MG/KG</b>	<b>females (cont...)</b>
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		
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7		
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5		

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Adenoma				X																					
Hepatocellular Carcinoma											X	X	X		X							X			
Histiocytic Sarcoma									X																
Lymphoma Malignant																									
Mesentery			+		+			+			+								+						+
Pancreas	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma																									
Lymphoma Malignant																									
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma																									
Lymphoma Malignant																									
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Papilloma																			X				X		
Squamous Cell Papilloma, Multiple														X											
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma																									
Lymphoma Malignant																									X

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

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







TDMS No. 88105 - 04  
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 Lab: BNW

DAY ON TEST		5	7	7	6	7	3	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
		3	2	2	9	2	7	2	2	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		1	8	9	8	8	9	7	9	0	9	8	7	8	8	8	8	7	9	8	7	7	9	7	7
<b>B6C3F1 MICE FEMALE</b> <b>300 MG/KG</b>	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
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5

females  
(cont...)

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Osteosarcoma																									

**NERVOUS SYSTEM**

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma																								
Alveolar/Bronchiolar Carcinoma																								
Hepatocellular Carcinoma, Metastatic, Liver											X				X									
Histiocytic Sarcoma																								
Lymphoma Malignant																							X	
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma, Metastatic, Harderian Gland																								
Histiocytic Sarcoma																								
Mast Cell Tumor Malignant, Metastatic, Uncertain Primary Site																								

\* .. 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. 88105 - 04  
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DAY ON TEST	7	7	4	7	7	7	7	7	6	7	5	2	7	7	7	5	5	5	5	5	5	5	5	7
	2	2	9	2	2	2	2	2	0	2	3	7	2	2	2	6	5	5	5	5	5	5	5	2
ANIMAL ID	8	9	7	7	8	7	9	8	5	7	8	7	9	7	7	0	3	3	3	4	3	5	4	8
<b>B6C3F1 MICE FEMALE</b> <b>300 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	0
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	<b>* TOTALS</b>																							

**ALIMENTARY SYSTEM**

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Gallbladder	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	A	A	A	+	A	A	+	+	40
Histiocytic Sarcoma				X																				1
Lymphoma Malignant									X															1
Intestine Large, Cecum	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	A	+	A	+	A	A	+	+	42
Histiocytic Sarcoma				X																				1
Lymphoma Malignant									X															1
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	+	+	+	47
Histiocytic Sarcoma				X																				2
Intestine Large, Rectum	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	46
Intestine Small, Duodenum	+	+	A	+	+	+	+	+	A	+	+	A	+	+	+	A	A	A	+	A	A	+	+	40
Histiocytic Sarcoma																								1
Intestine Small, Ileum	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	A	+	A	+	A	+	+	+	44
Histiocytic Sarcoma				X																				1
Intestine Small, Jejunum	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	A	+	A	+	+	+	+	+	45
Lymphoma Malignant	X																							2

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 Lab: BNW

DAY ON TEST	ANIMAL ID																								* 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	4	7	7	7	7	7	6	7	5	2	7	7	7	5	5	5	5	5	5	5	5	5	7	
2	2	9	2	2	2	2	2	0	2	3	7	2	2	2	6	5	5	5	5	5	5	5	5	2	
8	9	7	7	8	7	9	8	5	7	8	7	9	7	7	0	3	3	3	4	3	5	4	4	8	
<b>B6C3F1 MICE FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>300 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	0	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hepatocellular Adenoma				X		X				X															4
Hepatocellular Carcinoma						X																			6
Histiocytic Sarcoma				X							X		X												4
Lymphoma Malignant									X																1
Mesentery																									6
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Histiocytic Sarcoma				X																					1
Lymphoma Malignant									X																1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Histiocytic Sarcoma				X																					1
Lymphoma Malignant									X																1
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Squamous Cell Papilloma																									2
Squamous Cell Papilloma, Multiple																									1
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	48
Histiocytic Sarcoma				X																					1
Lymphoma Malignant									X																2

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
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DAY ON TEST		7	7	4	7	7	7	7	7	6	7	5	2	7	7	7	5	5	5	5	5	5	5	5	7
		2	2	9	2	2	2	2	2	0	2	3	7	2	2	2	6	5	5	5	5	5	5	5	2
		8	9	7	7	8	7	9	8	5	7	8	7	9	7	7	0	3	3	3	4	3	5	4	8
<b>B6C3F1 MICE FEMALE</b> <b>300 MG/KG</b>	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
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
		7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	0
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
		<b>* TOTALS</b>																							

**CARDIOVASCULAR SYSTEM**

Blood Vessel																								+	<b>2</b>
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																									<b>50</b>

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma																								X	<b>1</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Adenoma																								X	<b>1</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																									<b>50</b>

**GENERAL BODY SYSTEM**

NONE

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 + .. Tissue examined microscopically  
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DAY ON TEST		7	7	4	7	7	7	7	7	6	7	5	2	7	7	7	5	5	5	5	5	5	5	5	7
		2	2	9	2	2	2	2	2	0	2	3	7	2	2	2	6	5	5	5	5	5	5	5	2
		8	9	7	7	8	7	9	8	5	7	8	7	9	7	7	0	3	3	3	4	3	5	4	8
<b>B6C3F1 MICE FEMALE</b> <b>300 MG/KG</b>	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
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
		7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	0
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
		<b>* TOTALS</b>																							

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	48
Fibrosarcoma																											1
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Cystadenoma									X																		1
Histiocytic Sarcoma				X								X															3
Lymphoma Malignant									X																		1
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemangiosarcoma																											1
Histiocytic Sarcoma				X								X		X													4
Lymphoma Malignant									X																		1
Polyp Stromal																											1

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemangiosarcoma																											1
Histiocytic Sarcoma														X													1
Lymphoma Malignant									X																		1
Lymph Node																											2

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 + .. Tissue examined microscopically  
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	2	2	9	2	2	2	2	2	0	2	3	7	2	2	2	6	5	5	5	5	5	5	5	2
ANIMAL ID	8	9	7	7	8	7	9	8	5	7	8	7	9	7	7	0	3	3	3	4	3	5	4	8
<b>B6C3F1 MICE FEMALE</b> <b>300 MG/KG</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	0
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
	<b>* TOTALS</b>																							

Mediastinal, Lymphoma Malignant																									<b>1</b>
Pancreatic, Lymphoma Malignant										X															<b>1</b>
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>
Histiocytic Sarcoma																									<b>1</b>
Lymphoma Malignant										X															<b>2</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>
Histiocytic Sarcoma																									<b>2</b>
Lymphoma Malignant	X									X															<b>5</b>
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>
Histiocytic Sarcoma																									<b>3</b>
Lymphoma Malignant																									<b>4</b>
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	<b>47</b>
Histiocytic Sarcoma																									<b>1</b>
Lymphoma Malignant																									<b>4</b>

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>

\* .. Total animals with tissue examined microscopically; 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. 88105 - 04  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 ISOEUGENOL  
 CAS Number: 97-54-1  
 Pathologist: Blackshear, P. - GRUMBEIN, S.

Date Report Reqsted: 10/04/2006  
 Time Report Reqsted: 13:43:51  
 First Dose M/F: 05/09/02 / 05/08/02  
 Lab: BNW

DAY ON TEST		7	7	4	7	7	7	7	7	6	7	5	2	7	7	7	5	5	5	5	5	5	5	5	7
		2	2	9	2	2	2	2	2	0	2	3	7	2	2	2	6	5	5	5	5	5	5	5	2
		8	9	7	7	8	7	9	8	5	7	8	7	9	7	7	0	3	3	3	4	3	5	4	8
<b>B6C3F1 MICE FEMALE</b> <b>300 MG/KG</b>	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
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
		7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	0
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
																									<b>* TOTALS</b>

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Osteosarcoma											X															1

**NERVOUS SYSTEM**

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
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**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Alveolar/Bronchiolar Adenoma										X																1
Alveolar/Bronchiolar Carcinoma																								X		1
Hepatocellular Carcinoma, Metastatic, Liver								X																		3
Histiocytic Sarcoma				X								X		X												3
Lymphoma Malignant										X																2
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Carcinoma, Metastatic, Harderian Gland												X														1
Histiocytic Sarcoma															X											1
Mast Cell Tumor Malignant, Metastatic, Uncertain Primary Site									X																	1

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		2	2	9	2	2	2	2	2	0	2	3	7	2	2	2	6	5	5	5	5	5	5	5	5	2
		8	9	7	7	8	7	9	8	5	7	8	7	9	7	7	0	3	3	3	4	3	5	4	4	8
<b>B6C3F1 MICE FEMALE</b>	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
<b>300 MG/KG</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
		7	7	7	7	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	0
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
																										<b>* TOTALS</b>

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	<b>50</b>
Histiocytic Sarcoma				X							X		X													<b>4</b>
Lymphoma Malignant	X					X			X																	<b>7</b>

\*\*\* END OF REPORT \*\*\*

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