P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture **CAS Number:** 76231-76-0

Date Report Requested: 09/19/2016 Time Report Requested: 15:43:44 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA

NTP Study Number:	C99037
Lock Date:	01/24/2002
Cage Range:	ALL
Date Range:	ALL
Reasons For Removal:	ALL
Removal Date Range:	ALL
Treatment Groups:	Include ALL
Study Gender:	Both
TDMSE Version:	3.0.2.3_002
PWG Approval Date:	NONE

Note: Animals arranged according to days on test.

I .. Insufficient tissue

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B6C3F1 MICE MALE	DAY ON TEST	0 0 1 8	0 0 1 8	0 0 1 8	0 0 1 8	0 0 1 8	
/EHICLE CONTROL	ANIMAL ID	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	* TOTALS
LIMENTARY SYSTEM	1						
Esophagus		+	+	+	+	+	5
Gallbladder		+	+	+	+	+	5
Intestine Large, Cecum		+	+	+	+	+	5
Intestine Large, Colon		+	+	+	+	+	5
Intestine Large, Rectum		+	+	+	+	+	5
Intestine Small, Duodenum		+	+	+	+	+	5
Intestine Small, Ileum		+	+	+	+	+	5
Intestine Small, Jejunum		+	+	+	+	+	5
Liver		+	+	+	+	+	5
Pancreas		+	+	+	+	+	5
Salivary Glands		+	+	+	+	+	5
Stomach, Forestomach		+	+	+	+	+	5
Stomach, Glandular		+	+	+	+	+	5
	YSTEM						
Blood Vessel		+	+	+	+	+	5
Heart		+	+	+	+	+	5

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P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture CAS Number: 76231-76-0

	DAY ON TEST	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1		
B6C3F1 MICE MALE		8	8	8	8	8		
/EHICLE CONTROL	ANIMAL ID	0 0 0 0	0 0 0 2	0 0 0 3	0 0 0 4	0 0 0 5	* TO I	
			· · · ·					
Adrenal Cortex		+	+	+	+	+		5
Adrenal Medulla		+	+	+	+	+	5	5
Islets, Pancreatic		+	+	+	+	+	Ę	5
Parathyroid Gland		М	+	+	М	+	3	3
Pituitary Gland		+	I	+	М	+	3	3
Thyroid Gland		+	+	+	Ι	+	4	4
GENERAL BODY SYST	EM							
NONE								
GENITAL SYSTEM								
Epididymis		+	+	+	+	+		5
Preputial Gland		+	+	+	+	+	5	5
Prostate		+	+	+	+	+		5
Seminal Vesicle		+	+	+	+	+		5
Testes		+	+	+	+	+		5
HEMATOPOIETIC SYST	ΓEM							
Bone Marrow		+	+	+	+	+		5
* Total animals with + Tissue examined r X Lesion present I Insufficient tissue	tissue examined micro microscopically	oscop	bically;	; Tota	l anii	mals with tumo	M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically Page 3	

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture **CAS Number:** 76231-76-0

B6C3F1 MICE MALE	DAY ON TEST	0 0 1 8	0 0 1 8	0 0 1 8	0 0 1 8	0 0 1 8		
VEHICLE CONTROL	ANIMAL ID	0 0 0 0	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 5		* TOTALS
Lumph Node, Mandibular				+	+	+		5
Lymph Node, Mandibular		+	+	•	•			
Lymph Node, Mesenteric		+	+	+	+	+		5
Spleen		+	+	+		+		5
	OTEM	М	+	+	+	+	· · · · · · · · · · · · · · · · · · ·	4
	5 I EIVI							•
Mammary Gland		Μ	М					0
Skin		+	+	+	+	+		5
MUSCULOSKELETAL	SYSTEM							
Bone		+	+	I	+	+		4
Skeletal Muscle		+	+	+	+	+		5
NERVOUS SYSTEM								
Brain, NOS		+	+	+	+	+		5
Peripheral Nerve, Sciatic		+	+	+	+	+		5
Spinal Cord, Cervical		+	+	+	+	+		5
Spinal Cord, Lumbar		+	+	+	+	+		5
RESPIRATORY SYSTE	EM							
Larynx		Ι	I	I	Ι	I		0
* Total animals wi + Tissue examine X Lesion present I Insufficient tissu		roscop	bically	y; Tot	al anin	nals v	vith tumor M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically Page 4	

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture **CAS Number:** 76231-76-0

Date Report Requested: 09/19/2016 Time Report Requested: 15:43:44 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA

B6C3F1 MICE MALE	DAY ON TEST	0 0 1 8	0 0 1 8	0 0 1 8	0 0 1 8	0 0 1 8	
VEHICLE CONTROL	ANIMAL ID	0 0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 4	0 0 0 0 5	* TOTALS
Lung		+	+	+	+	+	5
Nose		+	+	+	+	+	5
Trachea		+	+	+	+	+	5
SPECIAL SENSES SYS	STEM						
Eye		+	+	+	+	+	5
Harderian Gland		+	+	+	+	+	5
URINARY SYSTEM							
Kidney		+	+	+	+	+	5
Urinary Bladder		+	+	+	+	+	5
SYSTEMIC LESIONS							
Multiple Organ		+	+	+	+	+	5

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

+ .. Tissue examined microscopically

X .. Lesion present

Experiment Number: 99037 - 02 Test Type: 14-DAY Route: GAVAGE Species/Strain: MICE/B6C3F1	2	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) alpha/beta Thujone mixture CAS Number: 76231-76-0	Date Report Requested: 09/19/2016 Time Report Requested: 15:43:44 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA		
	DAY ON TEST				
B6C3F1 MICE MALE	-				
1.0 MG/KG	ANIMAL ID				
			* TOTALS		
ALIMENTARY SYSTEM					
NONE					
CARDIOVASCULAR SY	STEM				
NONE					
ENDOCRINE SYSTEM					
NONE					
GENERAL BODY SYST	EM				
NONE					
GENITAL SYSTEM					
NONE					
HEMATOPOIETIC SYST	ſEM				
NONE					
INTEGUMENTARY SYS	TEM				
NONE					
MUSCULOSKELETAL S	SYSTEM				
NONE					
NERVOUS SYSTEM					

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

+ .. Tissue examined microscopically X .. Lesion present

Experiment Number: 99037 - 0 Test Type: 14-DAY Route: GAVAGE Species/Strain: MICE/B6C3F1	2	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) alpha/beta Thujone mixture CAS Number: 76231-76-0	Date Report Requested: 09/19/2016 Time Report Requested: 15:43:44 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA
	DAY ON TEST		
B6C3F1 MICE MALE	-		
1.0 MG/KG	ANIMAL ID		
			* TOTALS
NONE			
RESPIRATORY SYSTE	Μ		
NONE			
SPECIAL SENSES SYS	TEM		
NONE			
URINARY SYSTEM			
NONE			
SYSTEMIC LESIONS			
Multiple Organ			0

 $^{^{\}ast}$.. Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically X .. Lesion present

Experiment Number: 99037 - 0 Test Type: 14-DAY Route: GAVAGE Species/Strain: MICE/B6C3F1	2	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) alpha/beta Thujone mixture CAS Number: 76231-76-0	Date Report Requested: 09/19/2016 Time Report Requested: 15:43:44 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA		
	DAY ON TEST		<u></u>		
B6C3F1 MICE MALE	-				
3.0 MG/KG	ANIMAL ID				
			* TOTALS		
ALIMENTARY SYSTEM	1				
NONE					
CARDIOVASCULAR SY	YSTEM				
NONE					
ENDOCRINE SYSTEM					
NONE					
GENERAL BODY SYST	EM				
NONE					
GENITAL SYSTEM					
NONE					
HEMATOPOIETIC SYS	ТЕМ				
NONE					
INTEGUMENTARY SYS	STEM				
NONE					
MUSCULOSKELETAL	SYSTEM				
NONE					
NERVOUS SYSTEM					

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

+ .. Tissue examined microscopically X .. Lesion present

Experiment Number: 99037 - 0 Test Type: 14-DAY Route: GAVAGE Species/Strain: MICE/B6C3F1	2	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) alpha/beta Thujone mixture CAS Number: 76231-76-0	Date Report Requested: 09/19/2016 Time Report Requested: 15:43:44 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA
	DAY ON TEST		
B6C3F1 MICE MALE	-		
3.0 MG/KG	ANIMAL ID		
			* TOTALS
NONE			
RESPIRATORY SYSTE	М		
NONE			
SPECIAL SENSES SYS	TEM		
NONE			
URINARY SYSTEM			
NONE			
SYSTEMIC LESIONS			
Multiple Organ			0

 $^{^{\}ast}$.. Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically X .. Lesion present

I .. Insufficient tissue

Experiment Number: 99037 - 0 Test Type: 14-DAY Route: GAVAGE Species/Strain: MICE/B6C3F1	2	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) alpha/beta Thujone mixture CAS Number: 76231-76-0	Date Report Requested: 09/19/2016 Time Report Requested: 15:43:44 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA
	DAY ON TEST		
B6C3F1 MICE MALE 10.0 MG/KG	-		
	ANIMAL ID		
			* TOTALS
ALIMENTARY SYSTEM	1		
NONE			
CARDIOVASCULAR SY	YSTEM		
NONE			
ENDOCRINE SYSTEM			
NONE			
GENERAL BODY SYST	EM		
NONE			
GENITAL SYSTEM			
NONE			
HEMATOPOIETIC SYS	ТЕМ		
NONE			
INTEGUMENTARY SYS	STEM		
NONE			
MUSCULOSKELETAL	SYSTEM		
NONE			
NERVOUS SYSTEM			

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

+ .. Tissue examined microscopically X .. Lesion present

Experiment Number: 99037 - 0 Test Type: 14-DAY Route: GAVAGE Species/Strain: MICE/B6C3F1	2	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) alpha/beta Thujone mixture CAS Number: 76231-76-0	Date Report Requested: 09/19/2016 Time Report Requested: 15:43:44 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA
	DAY ON TEST		· · · · · · · · · · · · · · · · · · ·
B6C3F1 MICE MALE	-		
10.0 MG/KG	ANIMAL ID		
			* TOTALS
NONE			
RESPIRATORY SYSTE	Μ		
NONE			
SPECIAL SENSES SYS	STEM		
NONE			
URINARY SYSTEM			
NONE			
SYSTEMIC LESIONS			
Multiple Organ			0

 $^{^{\}ast}$.. Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically X .. Lesion present

I .. Insufficient tissue

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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* TOTALS
5
4
5
5
5
5
5
5
5
5
5
5
5
4
5
n

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture **CAS Number:** 76231-76-0

DAY OF	N TEST	0 0 1 8	0 0 1 8	0 0 1 8	0 0 1 8	0 0 1 8		
30.0 MG/KG ANI	IMAL ID	0 0 0 4	0 0 0 4 2	0 0 0 4 3	0 0 0 4 4	0 0 0 4 5		
		1	2	3	4	5		* TOTALS
ENDOCRINE SYSTEM	-							
Adrenal Cortex	_	+	+	+	+	+		5
Adrenal Medulla	_	+	+	+	+	+		5
Islets, Pancreatic		+	+	+	+	+		5
Parathyroid Gland		М	+	М	+	+		3
Pituitary Gland		+	+	М	+	+		4
Thyroid Gland		+	+	+	+	+		5
GENERAL BODY SYSTEM								
NONE								
GENITAL SYSTEM								
Epididymis		+	+	+	+	+		5
Preputial Gland		+	+	+	+	+		5
Prostate		+	+	+	+	+		5
Seminal Vesicle	_	+	+	+	+	+		5
Testes	_	+	+	+	+	+		5
HEMATOPOIETIC SYSTEM				-				
Bone Marrow	-	+	+	+	+	+		5
* Total animals with tissue exar + Tissue examined microscopic X Lesion present I Insufficient tissue		scop	ically	/; Tot	al ani	mals w	umor M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically Page 13	

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture **CAS Number:** 76231-76-0

			1					
B6C3F1 MICE MALE	DAY ON TEST	0 0 1 8	0 0 1 8	0 0 1 8	0 0 1 8	0 0 1 8		
30.0 MG/KG	ANIMAL ID	0 0 0 4 1	0 0 0 4 2	0 0 0 4 3	0 0 0 4 4	0 0 0 4		
		-	2	3	4	5		* TOTALS
Lymph Node, Mandibular		+	Μ	+	Μ	+		3
Lymph Node, Mesenteric		+	+	+	+	+		5
Spleen		+	+	+	+	+		5
Thymus		+	+	+	+	+		5
NTEGUMENTARY SY	STEM							
Mammary Gland		М	Μ	Μ	М	М		0
Skin		+	+	+	+	+		5
MUSCULOSKELETAL	SYSTEM							
Bone		+	+	+	+	+		5
Skeletal Muscle		+	+	+	+	+		5
NERVOUS SYSTEM								
Brain, NOS		+	+	+	+	+		5
Peripheral Nerve, Sciatic		+	+	+	+	+		5
Spinal Cord, Cervical		+	+	+	+	+		5
Spinal Cord, Lumbar		+	+	+	+	+		5
RESPIRATORY SYSTE	EM							
Larynx		+	I	+	+	М		3
* Total animals wi + Tissue examined X Lesion present I Insufficient tissue		roscop	oically	y; Tot	al anir	nals with	n tumor M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically Page 14	

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture **CAS Number:** 76231-76-0

Date Report Requested: 09/19/2016 Time Report Requested: 15:43:44 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA

B6C3F1 MICE MALE	DAY ON TEST	0 0 1 8	0 0 1 8	0 0 1 8	0 0 1 8	0 0 1 8	
30.0 MG/KG	ANIMAL ID	0 0 0 4 1	0 0 0 4 2	0 0 0 4 3	0 0 0 4 4	0 0 0 4 5	* TOTALS
					-		
Lung		+	+	+	+	+	5
Nose		+	+	+	+	+	5
Trachea		+	+	+	+	+	5
SPECIAL SENSES SY	STEM						
Eye		+	+	+	+	+	5
Harderian Gland		+	+	+	+	+	5
URINARY SYSTEM							
Kidney		+	+	+	+	+	5
Urinary Bladder		+	+	+	+	+	5
SYSTEMIC LESIONS							
Multiple Organ		+	+	+	+	+	5

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

+ .. Tissue examined microscopically

X .. Lesion present

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B6C3F1 MICE MALE	DAY ON TEST	0 0 1 0	0 0 1 1	0 0 1 1	0 0 1 5	0 0 1 6	
100 MG/KG	ANIMAL ID	0 0 0 5 4	0 0 0 5 3	0 0 0 5 5	0 0 0 5 1	0 0 0 5 2	* TOTALS
LIMENTARY SYSTEM	И						
Esophagus		+	+	+	+	+	5
Gallbladder		+	А	+	+	+	4
Intestine Large, Cecum		А	+	А	+	+	3
Intestine Large, Colon		А	+	+	+	+	4
Intestine Large, Rectum		+	+	+	+	+	5
Intestine Small, Duodenum		А	+	А	+	А	2
Intestine Small, Ileum		А	+	А	+	А	2
Intestine Small, Jejunum		А	А	А	+	А	1
Liver		+	+	+	+	+	5
Pancreas		+	+	+	+	+	5
Salivary Glands		А	+	+	+	+	4
Stomach, Forestomach		+	+	+	+	+	5
Stomach, Glandular		А	А	А	+	А	1
CARDIOVASCULAR S	YSTEM				_		
Blood Vessel		+	+	+	+	+	5
Heart		+	+	+	+	+	5

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture CAS Number: 76231-76-0

B6C3F1 MICE MALE	DAY ON TEST	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	
		0	1	1	5	6	
00 MG/KG	ANIMAL ID	0 0 5 4	0 0 5 3	0 0 5 5	0 0 0 5	0 0 0 5 2	
		4	3	5	1	2	* TOTALS
NDOCRINE SYSTEM							
Adrenal Cortex		+	+	I	+	+	4
Adrenal Medulla		+	+	М	+	+	4
Islets, Pancreatic		+	+	+	+	+	5
Parathyroid Gland		+	М	+	М	+	3
Pituitary Gland		+	+	+	I	+	4
Thyroid Gland		+	+	+	+	+	5
GENERAL BODY SYSTE	Μ						
Tissue NOS					+	-	1
GENITAL SYSTEM							
Epididymis		+	+	+	+	+	5
Preputial Gland		+	+	+	+	+	5
Prostate		+	+	+	+	+	5
Seminal Vesicle		+	+	+	+	+	5
Testes		+	+	+	+	+	5
IEMATOPOIETIC SYSTE	M						
Bone Marrow		+	+	+	+	+	5
* Total animals with tis + Tissue examined mic X Lesion present I Insufficient tissue		oscop	ically;	; Tota	al ani	mals	ssue precludes evaluation ined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture **CAS Number:** 76231-76-0

			0	0	0	0		
B6C3F1 MICE MALE	DAY ON TEST	0 0 1 0	0 0 1 1	0 0 1	0 0 1 5	0 0 1 6		
100 MG/KG	ANIMAL ID	0 0 0 5 4	0 0 0 5 3	0 0 0 5 5	0 0 0 5 1	0 0 5 2		* = = = = = = = =
		4	3	5		2		* TOTALS
Lymph Node, Mandibular		Α	+	+	+	+		4
Lymph Node, Mesenteric		+	+	+	+	+		5
Spleen		+	+	+	+	+		5
Thymus		+	+	+	+	+		5
NTEGUMENTARY SY	STEM							
Mammary Gland		М	М	М	М	М		0
Skin		+	+	+	+	+		5
MUSCULOSKELETAL	SYSTEM							
Bone		+	+	+	+	+		5
Skeletal Muscle		+	+	+	+	+		5
NERVOUS SYSTEM								
Brain, NOS		+	+	+	+	+		5
Peripheral Nerve, Sciatic		+	+	+	+	+		5
Spinal Cord, Cervical		+	+	+	+	+		5
Spinal Cord, Lumbar		+	+	+	+	+		5
RESPIRATORY SYSTE	EM							
Larynx		I	I	I	М	I		0
* Total animals wi + Tissue examine X Lesion present I Insufficient tissu		oscop	bically	y; Tot	al anii	mals	tumor M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically Page 18	

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture CAS Number: 76231-76-0

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B6C3F1 MICE MALE	DAY ON TEST	0 0 1 0	0 0 1 1	0 0 1 1	0 0 1 5	0 0 1 6	
100 MG/KG	ANIMAL ID	0 0 0 5 4	0 0 0 5 3	0 0 0 5 5	0 0 0 5 1	0 0 0 5 2	* TOTALS
Lung		+	+	+	+	+	5
Nose		+	А	+	+	+	4
Trachea		+	+	+	+	+	5
SPECIAL SENSES SYS	БТЕМ						
Eye		+	+	+	+	+	5
Harderian Gland		+	+	+	+	+	5
URINARY SYSTEM							
Kidney		+	+	+	+	+	5
Urinary Bladder		+	+	+	+	+	5
SYSTEMIC LESIONS							
Multiple Organ		+	+	+	+	+	5

*** END OF MALE DATA ***

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

^{+ ..} Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture CAS Number: 76231-76-0

Date Report Requested: 09/19/2016 Time Report Requested: 15:43:44 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA

DAY ON TEST 6C3F1 MICE FEMALE	0 0 0 0 0 0 0 0 1 1 1 1 8 8 8 8	
EHICLE 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 1 6 7 8 9 0	* TOTALS
LIMENTARY SYSTEM		
Esophagus	+ + + + +	5
Gallbladder	+ M M + +	3
Intestine Large, Cecum	+ + + + +	5
Intestine Large, Colon	+ + + + +	5
Intestine Large, Rectum	+ + + + +	5
Intestine Small, Duodenum	+ + + + +	5
Intestine Small, Ileum	+ + + + +	5
Intestine Small, Jejunum	+ + + + +	5
Liver	+ + + + +	5
Pancreas	+ + + + +	5
Salivary Glands	+ + + + +	5
Stomach, Forestomach	+ + + + +	5
Stomach, Glandular	+ + + + +	5
ARDIOVASCULAR SYSTEM		
Blood Vessel	+ + + + +	5
Heart	+ + + + +	5

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P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture CAS Number: 76231-76-0

Date Report Requested: 09/19/2016 Time Report Requested: 15:43:44 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA

		_		-				
B6C3F1 MICE FEMALE	DAY ON TEST	0 0 1 8	0 0 1 8	0 0 1 8	0 0 1 8	0 0 1 8		
VEHICLE CONTROL	ANIMAL ID	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 9	0 0 0 1 0		* TOTALS
ENDOCRINE SYSTEM								
Adrenal Cortex		+	+	+	+	+		5
Adrenal Medulla		+	+	+	+	+		5
Islets, Pancreatic		+	+	+	+	+		5
Parathyroid Gland		+	+	М	М	+		3
Pituitary Gland		+	+	+	+	+		5
Thyroid Gland		+	+	+	+	+		5
GENERAL BODY SYSTE	EM							
NONE								
GENITAL SYSTEM			-					
Clitoral Gland		+	+	+	+	Μ		4
Ovary		+	+	+	+	÷		5
Uterus		+	+	+	+	+		5
HEMATOPOIETIC SYST	EM							
Bone Marrow		+	+	+	+	+		5
Lymph Node, Mandibular		+	+	+	+	+		5
Lymph Node, Mesenteric		+	+	+	+	+		5
* Total animals with + Tissue examined n X Lesion present I Insufficient tissue		oscop	vically	/; Tot	al anir	nals v	with tumor M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

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P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture CAS Number: 76231-76-0

	DAY ON TEST	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1		
B6C3F1 MICE FEMALE		8	8	8	8	8		
VEHICLE CONTROL	ANIMAL ID	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 0 9	0 0 0 1 0		
		0	1	0	9	0		* TOTALS
Spleen		+	+	+	+	+		5
Thymus		+	+	+	+	+		5
INTEGUMENTARY SYS	ТЕМ							
Mammary Gland		+	+	+	+	+		5
Skin		+	+	+	+	+		5
MUSCULOSKELETAL S	SYSTEM							
Bone		+	+	÷	+	+		5
Skeletal Muscle		+	+	+	+	+		5
NERVOUS SYSTEM								
Brain, NOS		+	+	+	+	+		5
Peripheral Nerve, Sciatic		+	+	+	+	+		5
Spinal Cord, Cervical		+	+	+	+	+		5
Spinal Cord, Lumbar		+	+	+	+	+		5
RESPIRATORY SYSTEM	M		-	-	-			
Larynx		+	I	I	I	I		1
Lung		+	+	+	+	+		5
Nose		+	+	+	+	+		5
* Total animals with + Tissue examined r X Lesion present I Insufficient tissue	tissue examined micr nicroscopically	oscop	bically	/; Tot	al anii	mals w	Vith tumor M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically Page 22	

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture **CAS Number:** 76231-76-0

Date Report Requested: 09/19/2016 Time Report Requested: 15:43:44 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA

B6C3F1 MICE FEMALE	DAY ON TEST	0 0 1 8	0 0 1 8	0 0 1 8	0 0 1 8	0 0 1 8		
VEHICLE CONTROL	ANIMAL ID	0 0 0 0 6	0 0 0 0 7	0 0 0 0 8	0 0 0 9	0 0 0 1 0	*	TOTALS
Trachea		+	+	+	+	+		5
SPECIAL SENSES SYS	TEM							
Eye		+	+	+	+	+		5
Harderian Gland		+	+	+	+	+		5
URINARY SYSTEM								
Kidney		+	+	+	+	+		5
Urinary Bladder		+	+	+	+	+		5
SYSTEMIC LESIONS								
Multiple Organ		+	+	+	+	+		5

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

+ .. Tissue examined microscopically

X .. Lesion present

Experiment Number: 99037 - 02 P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Date Report Requested: 09/19/2016 Test Type: 14-DAY alpha/beta Thujone mixture Time Report Requested: 15:43:44 CAS Number: 76231-76-0 First Dose M/F: 05/07/01 / 05/07/01 Route: GAVAGE Species/Strain: MICE/B6C3F1 Lab: MBA DAY ON TEST **B6C3F1 MICE FEMALE** 1.0 MG/KG ANIMAL ID * TOTALS **ALIMENTARY SYSTEM** NONE **CARDIOVASCULAR SYSTEM** NONE **ENDOCRINE SYSTEM** NONE **GENERAL BODY SYSTEM** NONE **GENITAL SYSTEM** NONE **HEMATOPOIETIC SYSTEM** NONE **INTEGUMENTARY SYSTEM** NONE **MUSCULOSKELETAL SYSTEM** NONE

NERVOUS SYSTEM

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

+ .. Tissue examined microscopically

X .. Lesion present

Experiment Number: 99037 - 02 Test Type: 14-DAY Route: GAVAGE Species/Strain: MICE/B6C3F1		P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) alpha/beta Thujone mixture CAS Number: 76231-76-0	Date Report Requested: 09/19/2016 Time Report Requested: 15:43:44 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA
	DAY ON TEST		
B6C3F1 MICE FEMALE	-		
1.0 MG/KG	ANIMAL ID		
			* TOTALS
NONE			
RESPIRATORY SYSTEM	Λ		
NONE			
SPECIAL SENSES SYS	ГЕМ		
NONE			
URINARY SYSTEM			
NONE			
SYSTEMIC LESIONS			
Multiple Organ	_		0

^{+ ..} Tissue examined microscopically X .. Lesion present

I .. Insufficient tissue

Experiment Number: 99037 - 02 P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Date Report Requested: 09/19/2016 Test Type: 14-DAY alpha/beta Thujone mixture Time Report Requested: 15:43:44 CAS Number: 76231-76-0 First Dose M/F: 05/07/01 / 05/07/01 Route: GAVAGE Species/Strain: MICE/B6C3F1 Lab: MBA DAY ON TEST **B6C3F1 MICE FEMALE** 3.0 MG/KG ANIMAL ID * TOTALS **ALIMENTARY SYSTEM** NONE **CARDIOVASCULAR SYSTEM** NONE **ENDOCRINE SYSTEM** NONE **GENERAL BODY SYSTEM** NONE **GENITAL SYSTEM** NONE **HEMATOPOIETIC SYSTEM** NONE **INTEGUMENTARY SYSTEM** NONE **MUSCULOSKELETAL SYSTEM** NONE

NERVOUS SYSTEM

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

+ .. Tissue examined microscopically

X .. Lesion present

Experiment Number: 99037 - 02 Test Type: 14-DAY Route: GAVAGE Species/Strain: MICE/B6C3F1		P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) alpha/beta Thujone mixture CAS Number: 76231-76-0	Date Report Requested: 09/19/2016 Time Report Requested: 15:43:44 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA
	DAY ON TEST		
B6C3F1 MICE FEMALE	-		
3.0 MG/KG	ANIMAL ID		
			* TOTALS
NONE			
RESPIRATORY SYSTEM	И		
NONE			
SPECIAL SENSES SYS	TEM		
NONE			
URINARY SYSTEM			
NONE			
SYSTEMIC LESIONS			
Multiple Organ			0

^{+ ..} Tissue examined microscopically X .. Lesion present

I .. Insufficient tissue

Experiment Number: 99037 - 02 P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Date Report Requested: 09/19/2016 Test Type: 14-DAY alpha/beta Thujone mixture Time Report Requested: 15:43:44 CAS Number: 76231-76-0 First Dose M/F: 05/07/01 / 05/07/01 Route: GAVAGE Species/Strain: MICE/B6C3F1 Lab: MBA DAY ON TEST **B6C3F1 MICE FEMALE** 10.0 MG/KG ANIMAL ID * TOTALS **ALIMENTARY SYSTEM** NONE **CARDIOVASCULAR SYSTEM** NONE **ENDOCRINE SYSTEM** NONE **GENERAL BODY SYSTEM** NONE **GENITAL SYSTEM** NONE **HEMATOPOIETIC SYSTEM** NONE **INTEGUMENTARY SYSTEM** NONE **MUSCULOSKELETAL SYSTEM** NONE

NERVOUS SYSTEM

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

+ .. Tissue examined microscopically

X .. Lesion present

Experiment Number: 99037 - 02 Test Type: 14-DAY Route: GAVAGE Species/Strain: MICE/B6C3F1		P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) alpha/beta Thujone mixture CAS Number: 76231-76-0	Date Report Requested: 09/19/2016 Time Report Requested: 15:43:44 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA
	DAY ON TEST		
B6C3F1 MICE FEMALE	-		
10.0 MG/KG	ANIMAL ID		
			* TOTALS
NONE			
RESPIRATORY SYSTEM	Л		
NONE			
SPECIAL SENSES SYS	ГЕМ		· · · · ·
NONE			
URINARY SYSTEM			
NONE			
SYSTEMIC LESIONS			
Multiple Organ			0

 $^{^{\}ast}$.. Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically X .. Lesion present

Experiment Number: 99037 - 02 P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Date Report Requested: 09/19/2016 Test Type: 14-DAY alpha/beta Thujone mixture Time Report Requested: 15:43:44 CAS Number: 76231-76-0 First Dose M/F: 05/07/01 / 05/07/01 Route: GAVAGE Species/Strain: MICE/B6C3F1 Lab: MBA DAY ON TEST **B6C3F1 MICE FEMALE** 30.0 MG/KG ANIMAL ID * TOTALS **ALIMENTARY SYSTEM** NONE **CARDIOVASCULAR SYSTEM** NONE **ENDOCRINE SYSTEM** NONE **GENERAL BODY SYSTEM** NONE **GENITAL SYSTEM** NONE **HEMATOPOIETIC SYSTEM** NONE **INTEGUMENTARY SYSTEM** NONE **MUSCULOSKELETAL SYSTEM** NONE

NERVOUS SYSTEM

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

+ .. Tissue examined microscopically

X .. Lesion present

Experiment Number: 99037 - 02 Test Type: 14-DAY Route: GAVAGE Species/Strain: MICE/B6C3F1		P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) alpha/beta Thujone mixture CAS Number: 76231-76-0	Date Report Requested: 09/19/2016 Time Report Requested: 15:43:44 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA
	DAY ON TEST		
B6C3F1 MICE FEMALE	-		
30.0 MG/KG	ANIMAL ID		
			* TOTALS
NONE			
RESPIRATORY SYSTEM	Λ		
NONE			
SPECIAL SENSES SYST	ГЕМ		
NONE			
URINARY SYSTEM			
NONE			
SYSTEMIC LESIONS			
Multiple Organ			0

 $^{^{\}ast}$.. Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically X .. Lesion present

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture **CAS Number:** 76231-76-0

1 1

Date Report Requested: 09/19/2016 Time Report Requested: 15:43:44 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA

B6C3F1 MICE FEMALE	DAY ON TEST	0 0 1 1	0 0 1 6	0 0 1 8	0 0 1 8	0 0 1 8		
100 MG/KG	ANIMAL ID	0 0 0 5 6	0 0 0 5 7	0 0 0 5 8	0 0 0 5 9	0 0 0 6 0		* TOTALS
ALIMENTARY SYSTEM					1			
Esophagus		+	+	+	+	+		5
Gallbladder		А	+	+	+	+		4
Intestine Large, Cecum		А	А	+	+	+		3
Intestine Large, Colon		+	+	+	+	+		5
Intestine Large, Rectum		+	+	+	+	+		5
Intestine Small, Duodenum		А	А	+	+	+		3
Intestine Small, Ileum		А	А	+	+	+		3
Intestine Small, Jejunum		А	А	+	+	+		3
Liver		+	+	+	+	+		5
Pancreas		+	+	+	+	+		5
Salivary Glands		+	А	+	+	+		4
Stomach, Forestomach		+	+	+	+	+		5
Stomach, Glandular		Α	Α	+	+	+		3
CARDIOVASCULAR SY	STEM							
Blood Vessel		+	+	+	+	+		5
Heart		+	+	+	+	+		5
* Total animals with + Tissue examined r X Lesion present		oscop	bically	/; Tota	al anii	mals w	vith tumor M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture CAS Number: 76231-76-0

				-					
DAY B6C3F1 MICE FEMALE	ON TEST	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1			
		1	6	8	8	8			
100 MG/KG	ANIMAL ID	0 0 5 6	0 0 5 7	0 0 0 5 8	0 0 5 9	0 0 6 0			* TOTAL
		0	1	0	3	0			* TOTALS
ENDOCRINE SYSTEM									
Adrenal Cortex		+	+	+	+	+			5
Adrenal Medulla		+	М	+	+	+			4
Islets, Pancreatic		+	+	+	+	+			5
Parathyroid Gland		+	+	+	+	+			5
Pituitary Gland		+	I	+	+	+			4
Thyroid Gland		+	+	+	+	+			5
GENERAL BODY SYSTEM							<u> </u>		
NONE									
GENITAL SYSTEM									
Clitoral Gland		+	+	+	М	+			4
Ovary		+	+	+	+	+			5
Uterus		+	А	+	+	+			4
HEMATOPOIETIC SYSTEM									
Bone Marrow		+	+	+	+	+			5
Lymph Node, Mandibular		+	+	+	+	+			5
Lymph Node, Mesenteric		+	+	+	+	+			5
* Total animals with tissue e + Tissue examined microsco X Lesion present		oscop	ically	/; Tot	al ani	mals with tumor		M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically	
I Insufficient tissue							Page 33		

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture CAS Number: 76231-76-0

	DAY ON TEST	0 0	0	0	0 0	0		
B6C3F1 MICE FEMALE		1 1	1 6	1 8	1 8	1 8		
100 MG/KG	ANIMAL ID	0 0 0 5 6	0 0 0 5 7	0 0 0 5 8	0 0 0 5 9	0 0 0 6 0		* TOTALS
Spleen		+	+	+	+	+		5
Thymus		+	+	+	+	+		5
NTEGUMENTARY SYS	TEM							
Mammary Gland		+	+	+	+	+		5
Skin		+	+	+	+	+		5
MUSCULOSKELETAL S	YSTEM							
Bone		+	+	+	+	+		5
Skeletal Muscle		+	+	+	+	+		5
NERVOUS SYSTEM								
Brain, NOS		+	+	+	+	+		5
Peripheral Nerve, Sciatic		+	+	+	+	+		5
Spinal Cord, Cervical		+	+	+	+	+		5
Spinal Cord, Lumbar		+	+	+	+	+		5
RESPIRATORY SYSTEM	И							
Larynx		+	+	+	Μ	Μ		3
Lung		+	+	+	+	+		5
Nose		+	+	+	+	+		5
* Total animals with + Tissue examined n X Lesion present I Insufficient tissue	tissue examined micr nicroscopically	oscop	bically	/; Tot	al anii	mals wi	h tumor M Missing tissue A Autolysis precludes evaluation BLANK Not examined microscopically Page 34	

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture CAS Number: 76231-76-0

Date Report Requested: 09/19/2016 Time Report Requested: 15:43:44 First Dose M/F: 05/07/01 / 05/07/01 Lab: MBA

B6C3F1 MICE FEMALE	DAY ON TEST	0 0 1	0 0 1 6	0 0 1 8	0 0 1 8	0 0 1 8	
100 MG/KG	ANIMAL ID	0 0 0 5 6	0 0 0 5 7	0 0 0 5 8	0 0 0 5 9	0 0 0 6 0	* TOTALS
Trachea		+	+	+	+	+	5
SPECIAL SENSES SYS	TEM						
Eye		+	+	+	+	+	5
Harderian Gland		+	+	+	+	+	5
URINARY SYSTEM							
Kidney		+	+	+	+	+	5
Urinary Bladder		+	+	+	+	+	5
SYSTEMIC LESIONS							
Multiple Organ		+	+	+	+	+	5

*** END OF REPORT ***

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

+ .. Tissue examined microscopically

X .. Lesion present