Experiment Number: 99021-97 Test Type: 14-DAY Route: GAVAGE Species/Strain: Mouse/B6C3F1

## P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone CAS Number: 546-80-5 Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22 First Dose M/F: NA / NA Lab: MBA

C Number:	C99021
Lock Date:	01/24/2002
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22 First Dose M/F: NA / NA Lab: MBA

Experiment Number: 99021-97 Test Type: 14-DAY Route: GAVAGE Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Male VEHICLE CONTROL	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
	ANIMAL ID	0 0 0 0 1	0 0 0 0 2	0 0 0 3	0 0 0 4	*TOTALS
Alimentary System		-		-		

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

Brain, Entorhinal Cortex

4

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

+

+ + +

+  $\hfill ... Tissue examined microscopically$ 

X ..Lesion present

I .. Insufficient tissue

Test Type: 14-DAY

Route: GAVAGE

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22 First Dose M/F: NA / NA Lab: MBA

Species/Strain: Mouse/B6C3F1 DAY ON TEST 0 0 0 0 0 0 0 0 B6C3F1 Mouse Male 1 7 1 7 1 7 1 **VEHICLE CONTROL** 7 0 0 0 0 0 ANIMAL ID Ō 0 0 0 0 0 0 0 1 0 2 0 0 **\*TOTALS** 3 4 Brain, Hippocampus + + + + 4 Brain, Piriform Cortex + + 4 + Peripheral Nerve, Sciatic Δ + Peripheral Nerve, Tibial 4 + Spinal Cord, Cervical 4 + 4 Spinal Cord, Lumbar + + **Respiratory System** NONE **Special Senses System** NONE **Urinary System** NONE SYSTEMIC LESIONS Multiple Organ 4 + + +

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

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Experiment Number: 99021-97 Test Type: 14-DAY Route: GAVAGE Species/Strain: Mouse/B6C3F1		P07: NEOPLA	SMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIC Test Compound: alpha-Thujone CAS Number: 546-80-5	ONS ABRIDGED)	Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22 First Dose M/F: NA / NA Lab: MBA
D	AY ON TEST				
B6C3F1 Mouse Male					
1.0 MG/KG					
	ANIMAL ID	***			
Alimentary System		*TOTALS			
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					
NONE					
*Total animals with tissue examined	microscopically; Tot	al animals with tumor	MMissing tissue		

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 99021-97		P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)	Date Report Requested: 10/20/2014
Test Type: 14-DAY Route: GAVAGE		Test Compound: alpha-Thujone CAS Number: 546-80-5	Time Report Requested: 16:45:22 First Dose M/F: NA / NA
Species/Strain: Mouse/B6C3F1			Lab: MBA
	DAY ON TEST		
B6C3F1 Mouse Male			
1.0 MG/KG			
	ANIMAL ID		
		*TOTALS	
Respiratory System			
NONE			
Special Senses System			
NONE			
Urinary System			
NONE			
SYSTEMIC LESIONS			
Multiple Organ		0	

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 99021-97 Test Type: 14-DAY Route: GAVAGE Species/Strain: Mouse/B6C3F1	P07: NEOPLAS	MS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDG Test Compound: alpha-Thujone CAS Number: 546-80-5	GED) Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22 First Dose M/F: NA / NA Lab: MBA
DAY	ON TEST		
B6C3F1 Mouse Male			
3.0 MG/KG			
A			
Alimentary System	*TOTALS		
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			
NONE			
*Total animals with tissue examined mice	roscopically; Total animals with tumor	MMissing tissue	

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 99021-97 Test Type: 14-DAY	7	P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Compound: alpha-Thujone	Date Report Requested: 10/20/ Time Report Requested: 16:45
Route: GAVAGE		CAS Number: 546-80-5	First Dose M/F: NA / NA
Species/Strain: Mouse/B6C3F1			Lab: MBA
	DAY ON TEST		
B6C3F1 Mouse Male			
3.0 MG/KG			
	ANIMAL ID		
		*TOTALS	
Respiratory System			
NONE			
Special Senses System			
NONE			
Urinary System			
NONE			
SYSTEMIC LESIONS			
Multiple Organ		0	

\* .. Total animals with tissue examined microscopically; Total animals with tumor + .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

/2014 :22

Experiment Number: 99021-97		P07: NEOPLASMS BY INDI	IDUAL ANIMAL (SYS)	TEMIC LESIONS ABRIDGED)	Date Report Requested: 10/20/2014
Test Type: 14-DAY		Те	<b>t Compound:</b> alpha-Thu		Time Report Requested: 16:45:22
Route: GAVAGE			CAS Number: 546-80-5		First Dose M/F: NA / NA
Species/Strain: Mouse/B6C3F1					Lab: MBA
	DAY ON TEST				
B6C3F1 Mouse Male					
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					
NONE					
*Total animals with tissue examir	ned microscopically. To	tal animals with tumor	MMi	ssing tissue	
+ Tissue examined microscopical		-		tolysis precludes evaluation	

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 99021-9 Test Type: 14-DAY Route: GAVAGE Species/Strain: Mouse/B6C3F1		P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Compound: alpha-Thujone CAS Number: 546-80-5	Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22 First Dose M/F: NA / NA Lab: MBA
	DAY ON TEST		
B6C3F1 Mouse Male 10.0 MG/KG			
	ANIMAL ID		
		*TOTALS_	
Respiratory System			
NONE Special Senses System			
NONE Urinary System			
NONE Systemic lesions			
Multiple Organ		0	

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone

**CAS Number:** 546-80-5

Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22 First Dose M/F: NA / NA Lab: MBA

Test Type: 14-DAY Route: GAVAGE Species/Strain: Mouse/B6C3F1

			I			1
	DAY ON TEST	0	0	0	0	
DCC2E4 Marias Mala		0	0	0	0	
B6C3F1 Mouse Male 30.0 MG/KG		1	1	1	1	
		7	7	7	7	
	ANIMAL ID	0	0	0	0	
		0	0	0	0	
		0	0	0	0	
		3	3	3	3	
		3	4	5	6	*TOTALS
Alimentary System						

y Sy

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** 

Brain, Entorhinal Cortex

4

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

+

+ + +

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Test Type: 14-DAY Route: GAVAGE

Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Male 30.0 MG/KG	DAY ON TEST	0 0 1 7 0 0 0 3 3	0 0 1 7 0 0 0 3 4	0 0 1 7 0 0 0 3 5	0 0 1 7 0 0 0 3 6	*TOTALS
Brain, Hippocampus		+	+	+	+	4
Brain, Piriform Cortex		+	+	+	+	4
Peripheral Nerve, Sciatic		+	+	+	+	4
Peripheral Nerve, Tibial		+	+	+	+	4
Spinal Cord, Cervical		+	+	+	+	4
Spinal Cord, Lumbar		+	+	+	+	4
Respiratory System						
NONE Special Senses System						
NONE Urinary System						
NONE Systemic lesions						
Multiple Organ		+	+	+	+	4

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

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22 First Dose M/F: NA / NA Lab: MBA

M .. Missing tissue

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Male 100 MG/KG	DAY ON TEST ANIMAL ID	0 0 7 0 0 0 0 4 1	0 0 1 7 0 0 0 4 2	0 0 4 0 0 0 4 3	0 0 1 7 0 0 0 4 4	*TOTALS
Alimentary System						
Esophagus Gallbladder Intestine Large, Cecum Intestine Large, Colon Intestine Large, Rectum Intestine Small, Duodenum Intestine Small, Ileum Intestine Small, Ileum Intestine Small, Jejunum Liver Pancreas Salivary Glands Stomach, Forestomach Stomach, Glandular <b>Cardiovascular System</b>		+ A A + + A A A + + + + A		+ M + + + + + + + + + A		2 0 1 2 2 1 1 1 2 2 2 2 2 2 2 0
Blood Vessel		+		+		2
Heart Endocrine System		+		+		2
Adrenal Cortex Adrenal Medulla Islets, Pancreatic		+ + +		+ + +		2 2 2

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22 First Dose M/F: NA / NA Lab: MBA

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Male 100 MG/KG	DAY ON TEST ANIMAL ID	0 0 7 0 0 0 0 4 1	0 0 1 7 0 0 0 4 2	0 0 4 0 0 0 4 3	0 0 1 7 0 0 0 4 4 4	*TOTALS
Parathyroid Gland		+		Μ		1
Pituitary Gland		+		+		2
Thyroid Gland		+		М		1
General Body System						
NONE						
Genital System						
Epididymis		+		+		2
Preputial Gland		+		+		2
Prostate		+		+		2
Seminal Vesicle		+		+		2
Testes		+		+		2
Hematopoietic System						
Bone Marrow		+		+		2
Lymph Node, Mandibular		+		+		2
Lymph Node, Mesenteric		+		+		2
Spleen		+		+		2
Thymus		+		+		2
Integumentary System						
Mammary Gland		М		М		0
Skin		+		+		2

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

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22 First Dose M/F: NA / NA Lab: MBA

M .. Missing tissue

A .. Autolysis precludes evaluation

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

# Test Compound: alpha-Thujone CAS Number: 546-80-5 T DAY ON TEST 0 0 0

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22 First Dose M/F: NA / NA Lab: MBA

B6C3F1 Mouse Male 100 MG/KG	DAY ON TEST	0 0 0 7	0 0 1 7	0 0 0 4	0 0 1 7	
	ANIMAL ID	0 0 4 1	0 0 4 2	0 0 4 3	0 0 4 4	*TOTALS
Musculoskeletal System						
Bone		+		+		2
Skeletal Muscle Nervous System		+		+		2
Brain, Entorhinal Cortex			+		+	2
Brain, Hippocampus			+		+	2
Brain, NOS		+		+		2
Brain, Piriform Cortex			+	_	+	2
Peripheral Nerve, Sciatic		+	+	+	+	4
Peripheral Nerve, Tibial Spinal Cord, Cervical		+	++	+	++	4
Spinal Cord, Lumbar		+	+	+	+	4
Respiratory System		-				
Larynx		Ι		М		0
Lung		+		+		2
Nose		+		+		2
Trachea		+		+		2
Special Senses System						
Eye		+		+		2
Harderian Gland		+		+		2

 $^{\ast}\,$  ..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

Test Type: 14-DAY Route: GAVAGE

Species/Strain: Mouse/B6C3F1

### P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22 First Dose M/F: NA / NA Lab: MBA

B6C3F1 Mouse Male 100 MG/KG	DAY ON TEST	0 0 0 7	0 0 1 7	0 0 0 4	0 0 1 7	
	ANIMAL ID	0 0 0 4	0 0 0 4	0 0 0 4	0 0 0 4	
		1	2	3	4	*TOTALS
Urinary System						
Kidney		+		+		2
Urinary Bladder		+		+		2
SYSTEMIC LESIONS						
Multiple Organ		+	+	+	+	4
						***END OF MALE DATA***

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone

**CAS Number:** 546-80-5

Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22 First Dose M/F: NA / NA Lab: MBA

Experiment Number: 99021-97 Test Type: 14-DAY Route: GAVAGE Species/Strain: Mouse/B6C3F1

DEFINITION DEFINITA DEFINITION DEFINITION DEFINITION DEFINITION DEFINITION DEFINITION DEFINITION DEFINITA	AY ON TEST ANIMAL ID	0 0 1 7 0 0 0 0 5	0 0 1 7 0 0 0 0 0 6	0 0 1 7 0 0 0 0 7	0 0 1 7 0 0 0 0 8	*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** 

Brain, Entorhinal Cortex

4

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

+

+ + +

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Test Type: 14-DAY Route: GAVAGE

Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Femal VEHICLE CONTROL	DAY ON TEST e ANIMAL ID	0 0 1 7 0 0 0 0 5	0 0 1 7 0 0 0 0 6	0 0 1 7 0 0 0 0 7	0 0 1 7 0 0 0 0 8	*TOTALS
Brain, Hippocampus	·	+	+	+	+	4
Brain, Piriform Cortex		+	+	+	+	4
Peripheral Nerve, Sciatic		+	+	+	+	4
Peripheral Nerve, Tibial		+	+	+	+	4
Spinal Cord, Cervical		+	+	+	+	4
Spinal Cord, Lumbar		+	+	+	+	4
Respiratory System						
NONE Special Senses System						
NONE						
Urinary System						
NONE SYSTEMIC LESIONS						
Multiple Organ		+	+	+	+	4

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22 First Dose M/F: NA / NA Lab: MBA

Experiment Number: 99021-97
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

#### P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone CAS Number: 546-80-5 Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22 First Dose M/F: NA / NA Lab: MBA

DAY ON TEST

# B6C3F1 Mouse 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

NONE

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 99021-97	P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)	Date Report Requested: 10/20/2014
Test Type: 14-DAY	Test Compound: alpha-Thujone	Time Report Requested: 16:45:22
Route: GAVAGE	CAS Number: 546-80-5	First Dose M/F: NA / NA
Species/Strain: Mouse/B6C3F1		Lab: MBA
DAY ON TE	ST	
B6C3F1 Mouse Female		
1.0 MG/KG		
ANIMAL	ID	
	*TOTALS	
Respiratory System		
NONE		
Special Senses System		
NONE		
Urinary System		
NONE		
SYSTEMIC LESIONS		
Multiple Organ	0	

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 99021-97
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

#### P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone CAS Number: 546-80-5 Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22 First Dose M/F: NA / NA Lab: MBA

DAY ON TEST

# B6C3F1 Mouse 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

NONE

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 99021-97	P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)	Date Report Requested: 10/20/2014
Test Type: 14-DAY	Test Compound: alpha-Thujone	Time Report Requested: 16:45:22
Route: GAVAGE	CAS Number: 546-80-5	First Dose M/F: NA / NA
Species/Strain: Mouse/B6C3F1		Lab: MBA
DAY ON TEST		
B6C3F1 Mouse Female		
3.0 MG/KG		
ANIMAL ID		
	*TOTALS	
Respiratory System		
NONE		
Special Senses System		
NONE		
Urinary System		
NONE		
SYSTEMIC LESIONS		
Multiple Organ	0	

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 99021-97 Test Type: 14-DAY	P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS A Test Compound: alpha-Thujone	ABRIDGED) Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22
Route: GAVAGE Species/Strain: Mouse/B6C3F1	CAS Number: 546-80-5	First Dose M/F: NA / NA Lab: MBA
DAY ON TEST		
B6C3F1 Mouse Female		
10.0 MG/KG		
ANIMAL IC		
Alimentary System	<u>*TOTALS</u>	
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		
NONE		
*Total animals with tissue examined microscopically;		
+Tissue examined microscopically XLesion present	AAutolysis precludes eva BLANKNot examined microsco	

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 99021-97 Test Type: 14-DAY		P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED) Test Compound: alpha-Thujone	Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22
Route: GAVAGE		CAS Number: 546-80-5	First Dose M/F: NA / NA
Species/Strain: Mouse/B6C3F1		CAS Number: 540-00-5	Lab: MBA
	DAY ON TEST		
B6C3F1 Mouse Female	!		
10.0 MG/KG			
	ANIMAL ID		
		*TOTALS	
Respiratory System			
NONE			
Special Senses System			
NONE			
Urinary System			
NONE			
SYSTEMIC LESIONS			
Multiple Organ		0	

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22 First Dose M/F: NA / NA Lab: MBA

Test Type: 14-DAY Route: GAVAGE Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Femal 30.0 MG/KG	DAY ON TEST <b>e</b>	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
30.0 MO/NO	ANIMAL ID	0 0 0 3 7	0 0 0 3 8	0 0 0 3 9	0 0 0 4 0	*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

Brain, Entorhinal Cortex

4

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

+

+ + +

+  $\hfill ... Tissue examined microscopically$ 

X ..Lesion present

I .. Insufficient tissue

Test Type: 14-DAY Route: GAVAGE

Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Femal 30.0 MG/KG	DAY ON TEST <b>e</b> ANIMAL ID	0 0 1 7 0 0 0 3 7	0 0 1 7 0 0 0 3 8	0 0 1 7 0 0 0 3 9	0 0 1 7 0 0 0 4 0	*TOTALS
Brain, Hippocampus		+	+	+	+	4
Brain, Piriform Cortex		+	+	+	+	4
Peripheral Nerve, Sciatic		+	+	+	+	4
Peripheral Nerve, Tibial		+	+	+	+	4
Spinal Cord, Cervical		+	+	+	+	4
Spinal Cord, Lumbar		+	+	+	+	4
Respiratory System						
NONE Special Senses System						
NONE Urinary System						
NONE SYSTEMIC LESIONS						
Multiple Organ		+	+	+	+	4

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

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22 First Dose M/F: NA / NA Lab: MBA

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Femal 100 MG/KG Alimentary System	DAY ON TEST <b>le</b> ANIMAL ID	0 0 9 0 0 0 0 4 5	0 0 0 6 0 0 0 4 6	0 0 0 6 0 0 0 4 7	0 0 0 6 0 0 0 4 8	*TOTALS
						4
Esophagus Gallbladder		+	+ M	+ M	+	4
Intestine Large, Cecum		+ +	+	+	+ +	4
Intestine Large, Cecum		+	+	+	+	4
Intestine Large, Rectum		+	+	+	+	4
Intestine Small, Duodenum		+	+	Å		3
Intestine Small, Ileum		+	+	A		3
Intestine Small, Jejunum		+	+	A	+	3
Liver		+	+	+	+	4
Pancreas		+	+	+	+	4
Salivary Glands		+	+	+	+	4
Stomach, Forestomach		+	+	+	+	4
Stomach, Glandular		А	+	А	А	1
Cardiovascular System						
Blood Vessel		+	+	М	+	3
Heart		+	+	+	+	4
Endocrine System						
Adrenal Cortex		+	+	+	+	4
Adrenal Medulla		+	+	М	+	3
Islets, Pancreatic		+	+	+	+	4

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22 First Dose M/F: NA / NA Lab: MBA

M .. Missing tissue

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Femal 100 MG/KG	DAY ON TEST <b>e</b> ANIMAL ID	0 0 9 0 0 0 0 4 5	0 0 6 0 0 0 0 4 6	0 0 6 0 0 0 0 4 7	0 0 6 0 0 0 0 4 8	*TOTALS
Parathyroid Gland		+	+	Μ	М	2
Pituitary Gland		+	+	+	+	4
Thyroid Gland		+	+	+	+	4
General Body System						
NONE Genital System						
Clitoral Gland		+	М	М	+	2
Ovary		+	+	+	+	4
Uterus		+	+	+	+	4
Hematopoietic System						
Bone Marrow		+	+	+	+	4
Lymph Node, Mandibular		+	+	+	+	4
Lymph Node, Mesenteric		+	+	+	М	3
Spleen		+	+	+	+	4
Thymus		+	+	+	+	4
Integumentary System						
Mammary Gland		+	+	+	+	4
Skin		+	+	+	+	4
Musculoskeletal System						
Bone		+	+	+	+	4

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

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22 First Dose M/F: NA / NA Lab: MBA

M .. Missing tissue

A .. Autolysis precludes evaluation

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Femal 100 MG/KG	DAY ON TEST <b>e</b> ANIMAL ID	0 0 9 0 0 0 0 4 5	0 0 6 0 0 0 0 4 6	0 0 0 6 0 0 0 0 4 7	0 0 6 0 0 0 0 4 8	*TOTALS
Skeletal Muscle		+	+	+	+	4
Nervous System						
Brain, NOS		+	+	+	+	4
Peripheral Nerve, Sciatic		+	+	+	+	4
Spinal Cord, Cervical		+	+	+	+	4
Spinal Cord, Lumbar		+	+	+	+	4
Respiratory System						
Larynx		+	Ι	Ι	+	2
Lung		+	+	+	+	4
Nose		+	+	+	+	4
Trachea		+	+	+	+	4
Special Senses System						
Eye		+	+	+	+	4
Harderian Gland		+		+	+	3
Urinary System						
Kidney		+	+	+	+	4
Urinary Bladder		+	+	+	+	4
SYSTEMIC LESIONS						
Multiple Organ		+	+	+	+	4
						** END OF REPORT **

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

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

# CAS Number: 546-80-5

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone

Date Report Requested: 10/20/2014 Time Report Requested: 16:45:22 First Dose M/F: NA / NA Lab: MBA