

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: alpha-Thujone
CAS Number: 546-80-5

Date Report Requested: 10/20/2014
Time Report Requested: 16:50:53
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

Experiment Number: 99021-97
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 Lab: MBA

**B6C3F1 Mouse Male
 VEHICLE CONTROL**

DAY ON TEST	0	0	0	0	
	0	0	0	0	
	1	1	1	1	
	7	7	7	7	
ANIMAL ID	0	0	0	0	
	0	0	0	0	
	0	0	0	0	
	0	0	0	0	
	1	2	3	4	*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 lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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 VEHICLE CONTROL**

	DAY ON TEST				
	0	0	0	0	
	0	0	0	0	
	1	1	1	1	
	7	7	7	7	
ANIMAL ID	0	0	0	0	
	0	0	0	0	
	0	0	0	0	
	0	0	0	0	
	1	2	3	4	*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

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Lab: MBA

DAY ON TEST

B6C3F1 Mouse Male

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

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B6C3F1 Mouse Male
1.0 MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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DAY ON TEST

B6C3F1 Mouse Male

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

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3.0 MG/KG

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*TOTALS

Respiratory System

NONE

Special Senses System

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Urinary System

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First Dose M/F: NA / NA
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

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*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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CAS Number: 546-80-5

Date Report Requested: 10/20/2014

Time Report Requested: 16:50:53

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male
30.0 MG/KG

DAY ON TEST	0	0	0	0	
	0	0	0	0	
	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

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

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30.0 MG/KG

	DAY ON TEST				
	0	0	0	0	
	0	0	0	0	
	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			
Brain, Hippocampus	+	+	+	+	4
Brain, Piriform Cortex	+	+	+	+	4
Peripheral Nerve, Sciatic	+	+	+	+	4
Peripheral Nerve, Tibial	+	+	+	+	4
Spinal Cord, Cervical	+	+	+	+	4
Spinal Cord, Lumbar	+	+	+	+	4
Gliosis, Diffuse			1		1 1.0
Neuron, Degeneration, Focal			1		1 1.0

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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CAS Number: 546-80-5

Date Report Requested: 10/20/2014

Time Report Requested: 16:50:53

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male
100 MG/KG

DAY ON TEST	0	0	0	0
	0	0	0	0
	0	1	0	1
	7	7	4	7
ANIMAL ID	0	0	0	0
	0	0	0	0
	0	0	0	0
	4	4	4	4
	1	2	3	4

*TOTALS

Alimentary System

Esophagus	+	+	2
Gallbladder	A	M	0
Intestine Large, Cecum	A	+	1
Intestine Large, Colon	+	+	2
Intestine Large, Rectum	+	+	2
Intestine Small, Duodenum	A	+	1
Intestine Small, Ileum	A	+	1
Intestine Small, Jejunum	A	+	1
Liver	+	+	2
Pancreas	+	+	2
Salivary Glands	+	+	2
Stomach, Forestomach	+	+	2
Stomach, Glandular	A	A	0

Cardiovascular System

Blood Vessel	+	+	2
Heart	+	+	2

Endocrine System

Adrenal Cortex	+	+	2
Adrenal Medulla	+	+	2
Islets, Pancreatic	+	+	2

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B6C3F1 Mouse Male
100 MG/KG

DAY ON TEST	0	0	0	0	
	0	0	0	0	
	0	1	0	1	
	7	7	4	7	
ANIMAL ID	0	0	0	0	
	0	0	0	0	
	0	0	0	0	
	4	4	4	4	
	1	2	3	4	*TOTALS

Parathyroid Gland	+	M	1
Pituitary Gland	+	+	2
Thyroid Gland	+	M	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	M	M	0
Skin	+	+	2

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First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male
100 MG/KG

DAY ON TEST	0	0	0	0	
	0	0	0	0	
	0	1	0	1	
	7	7	4	7	
ANIMAL ID	0	0	0	0	
	0	0	0	0	
	0	0	0	0	
	4	4	4	4	
	1	2	3	4	*TOTALS

Musculoskeletal System

Bone	+	+		2
Skeletal Muscle	+	+		2

Nervous System

Brain, Entorhinal Cortex		+	+	2
Brain, Hippocampus		+	+	2
Brain, NOS	+		+	2
Brain, Piriform Cortex		+	+	2
Peripheral Nerve, Sciatic	+	+	+	4
Peripheral Nerve, Tibial		+	+	2
Spinal Cord, Cervical	+	+	+	4
Spinal Cord, Lumbar	+	+	+	4

Respiratory System

Larynx	I		M	0
Lung	+		+	2
Nose	+		+	2
Trachea	+		+	2

Special Senses System

Eye	+		+	2
Harderian Gland	+		+	2

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 Lab: MBA

B6C3F1 Mouse Male
100 MG/KG

DAY ON TEST	0	0	0	0
	0	0	0	0
	0	1	0	1
	7	7	4	7
ANIMAL ID	0	0	0	0
	0	0	0	0
	0	0	0	0
	4	4	4	4
	1	2	3	4

***TOTALS**

Urinary System

Kidney	+	+	2
Urinary Bladder	+	+	2

END OF MALE DATA

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First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Female VEHICLE CONTROL	DAY ON TEST	0	0	0	0	
		0	0	0	0	
		1	1	1	1	
		7	7	7	7	
	ANIMAL ID	0	0	0	0	
	0	0	0	0		
	0	0	0	0		
	0	0	0	0		
	5	6	7	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

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B6C3F1 Mouse Female VEHICLE CONTROL	DAY ON TEST	0	0	0	0	*TOTALS
	ANIMAL ID	0	0	0	0	
		0	0	0	0	
		1	1	1	1	
		7	7	7	7	
		0	0	0	0	
		0	0	0	0	
		0	0	0	0	
		5	6	7	8	
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						

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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

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Lab: MBA

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1.0 MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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B6C3F1 Mouse Female
3.0 MG/KG

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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

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3.0 MG/KG

ANIMAL ID

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Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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X ..Lesion present

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M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99021-97

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/20/2014

Time Report Requested: 16:50:53

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

B6C3F1 Mouse 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

NONE

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DAY ON TEST

B6C3F1 Mouse Female
10.0 MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

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Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/20/2014

Time Report Requested: 16:50:53

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Female 30.0 MG/KG	DAY ON TEST	0	0	0	0	
		0	0	0	0	
		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	4	
		7	8	9	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

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 First Dose M/F: NA / NA
 Lab: MBA

B6C3F1 Mouse Female 30.0 MG/KG	DAY ON TEST	0	0	0	0	*TOTALS
	ANIMAL ID	0	0	0	0	
		0	0	0	0	
		1	1	1	1	
		7	7	7	7	
		0	0	0	0	
		0	0	0	0	
		0	0	0	0	
		3	3	3	4	
		7	8	9	0	
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						

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

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Time Report Requested: 16:50:54

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Female 100 MG/KG	DAY ON TEST	0	0	0	0	
		0	0	0	0	
		0	0	0	0	
		9	6	6	6	
	ANIMAL ID	0	0	0	0	
	0	0	0	0		
	0	0	0	0		
	4	4	4	4		
	5	6	7	8	*TOTALS	

Alimentary System

Esophagus	+	+	+	+	4	
Muscularis, Necrosis, Focal				1	1	1.0
Gallbladder	+	M	M	+	2	
Intestine Large, Cecum	+	+	+	+	4	
Intestine Large, Colon	+	+	+	+	4	
Intestine Large, Rectum	+	+	+	+	4	
Intestine Small, Duodenum	+	+	A	+	3	
Intestine Small, Ileum	+	+	A	+	3	
Intestine Small, Jejunum	+	+	A	+	3	
Liver	+	+	+	+	4	
Pancreas	+	+	+	+	4	
Salivary Glands	+	+	+	+	4	
Stomach, Forestomach	+	+	+	+	4	
Stomach, Glandular	A	+	A	A	1	

Cardiovascular System

Blood Vessel	+	+	M	+	3	
Heart	+	+	+	+	4	

Endocrine System

Adrenal Cortex	+	+	+	+	4	
Adrenal Medulla	+	+	M	+	3	

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B6C3F1 Mouse Female 100 MG/KG	DAY ON TEST				ANIMAL ID					
	0	0	0	0						
	0	0	0	0	0					
	0	0	0	0	0					
	9	6	6	6	6					
	0	0	0	0	0					
	0	0	0	0	0					
	0	0	0	0	0					
	4	4	4	4	4					
	5	6	7	8						
										*TOTALS
Islets, Pancreatic	+	+	+	+						4
Parathyroid Gland	+	+	M	M						2
Pituitary Gland	+	+	+	+						4
Thyroid Gland	+	+	+	+						4
General Body System										
NONE										
Genital System										
Clitoral Gland	+	M	M	+						2
Ovary	+	+	+	+						4
Uterus	+	+	+	+						4
Hematopoietic System										
Bone Marrow	+	+	+	+						4
Myeloid Cell, Hyperplasia					2	1	2.0			
Lymph Node, Mandibular	+	+	+	+						4
Lymph Node, Mesenteric	+	+	+	M						3
Spleen	+	+	+	+						4
Hematopoietic Cell Proliferation	2			2		2	2.0			
Thymus	+	+	+	+						4
Integumentary System										
Mammary Gland	+	+	+	+						4
Skin	+	+	+	+						4

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Lab: MBA

B6C3F1 Mouse Female 100 MG/KG	DAY ON TEST				ANIMAL ID	
	0	0	0	0		
	0	0	0	0	0	
	0	0	0	0	0	
	9	6	6	6	6	
	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	4	4	4	4	4	
	5	6	7	8	8	*TOTALS
Skin	+	+	+	+	4	
Musculoskeletal System						
Bone	+	+	+	+	4	
Skeletal Muscle	+	+	+	+	4	
Nervous System						
Brain, NOS	+	+	+	+	4	
Peripheral Nerve, Sciatic	+	+	+	+	4	
Spinal Cord, Cervical	+	+	+	+	4	
Spinal Cord, Lumbar	+	+	+	+	4	
Respiratory System						
Larynx	+	I	I	+	2	
Lung	+	+	+	+	4	
Nose	+	+	+	+	4	
Trachea	+	+	+	+	4	
Special Senses System						
Eye	+	+	+	+	4	
Harderian Gland	+		+	+	3	
Urinary System						
Kidney	+	+	+	+	4	
Renal Tubule, Dilatation, Focal	1					1 1.0

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		DAY ON TEST					
B6C3F1 Mouse Female	100 MG/KG		0	0	0	0	
			0	0	0	0	
			0	0	0	0	
			9	6	6	6	
			0	0	0	0	
	ANIMAL ID	0	0	0	0		
		0	0	0	0		
		0	0	0	0		
		4	4	4	4		
		5	6	7	8		
		*TOTALS					
Urinary Bladder		+	+	+	+	4	

**** END OF REPORT ****

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