

Experiment Number: 99021-02
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: 10/19/2014
Time Report Requested: 11:46:26
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: 99021-02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male
VEHICLE CONTROL

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	8	8	8	8	8	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	1	2	3	4	5	*TOTALS

Alimentary System

Esophagus	+	+	+	M	+	4
Gallbladder	M	+	+	+	+	4
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

Cardiovascular System

Blood Vessel	+	+	+	+	+	5
Heart	+	+	+	+	+	5

Endocrine System

Adrenal Cortex	+	+	+	+	+	5
Adrenal Medulla	+	+	+	+	+	5
Islets, Pancreatic	+	+	+	+	+	5

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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Lab: MBA

B6C3F1 Mouse Male VEHICLE CONTROL	DAY ON TEST					ANIMAL ID					
	0	0	0	0	0						
	0	0	0	0	0	0					
	1	1	1	1	1	0					
	8	8	8	8	8	0					
	0	0	0	0	0	0					
	0	0	0	0	0	0					
	0	0	0	0	0	0					
	1	2	3	4	5						
											*TOTALS
Parathyroid Gland	+	+	+	+	+						5
Pituitary Gland	+	+	+	+	+						5
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
Lymph Node, Mandibular	+	+	+	+	+						5
Lymph Node, Mesenteric	+	+	+	+	+						5
Spleen	+	+	+	+	+						5
Hematopoietic Cell Proliferation						2	1	2	1.5		
Thymus	+	+	+	+	+						5
Integumentary System											
Mammary Gland	M	M	+	M	M						1
Skin	+	+	+	+	+						5

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

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X ..Lesion present

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Lab: MBA

B6C3F1 Mouse Male VEHICLE CONTROL	DAY ON TEST					*TOTALS
	0	0	0	0	0	
ANIMAL ID	1	1	1	1	1	
	8	8	8	8	8	
	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	1	2	3	4	5	
Skin	+	+	+	+	+	5
Musculoskeletal System						
Bone	+	+	I	+	+	4
Skeletal Muscle	+	+	+	+	+	5
Nervous System						
Brain, NOS	+	+	+	+	+	5
Peripheral Nerve, Sciatic	+	+	+	I	+	4
Spinal Cord, Cervical	+	+	+	+	+	5
Spinal Cord, Lumbar	+	+	+	+	+	5
Respiratory System						
Larynx	I	I	I	I	I	0
Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5
Trachea	+	+	+	+	+	5
Special Senses System						
Eye	+	+	+	+	+	5
Harderian Gland	+	+	+	+	+	5
Zymbal's Gland					+	1
Urinary System						
Kidney	+	+	+	+	+	5

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

+ ..Tissue examined microscopically

X ..Lesion present

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M ..Missing tissue

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First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male
VEHICLE CONTROL

DAY ON TEST	0	0	0	0	0	
	0	0	0	0	0	
	1	1	1	1	1	
	8	8	8	8	8	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	1	2	3	4	5	*TOTALS
Urinary Bladder	+	+	+	+	+	5

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+ ..Tissue examined microscopically

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First Dose M/F: NA / NA
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

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

+ ..Tissue examined microscopically

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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

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

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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+ ..Tissue examined microscopically

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CAS Number: 546-80-5

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First Dose M/F: NA / NA

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

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

+ ..Tissue examined microscopically

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Date Report Requested: 10/19/2014
Time Report Requested: 11:46:26
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

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

+ ..Tissue examined microscopically

X ..Lesion present

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M ..Missing tissue

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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

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

+ ..Tissue examined microscopically

X ..Lesion present

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CAS Number: 546-80-5

Date Report Requested: 10/19/2014

Time Report Requested: 11:46:26

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	0	0
	1	1	1	1	1
	8	8	8	8	8
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	4	4	4	4	4
	1	2	3	4	5

*TOTALS

Alimentary System

Esophagus	+	+	+	+	+	5
Gallbladder	M	+	+	+	+	4
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

Cardiovascular System

Blood Vessel	+	+	+	+	+	5
Heart	+	+	+	+	+	5

Endocrine System

Adrenal Cortex	+	+	+	+	+	5
Adrenal Medulla	+	+	+	+	+	5
Islets, Pancreatic	+	+	+	+	+	5

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

+ ..Tissue examined microscopically

X ..Lesion present

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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	0	0	
	1	1	1	1	1	
	8	8	8	8	8	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	4	4	4	4	4	
	1	2	3	4	5	*TOTALS

Parathyroid Gland	M	+	+	M	+	3
Pituitary Gland	+	+	+	+	+	5
Thyroid Gland	+	+	+	+	+	5
Ectopic Thymus			1			1 1.0

General Body System

NONE

Genital System

Epididymis	+	+	+	+	+	5
Preputial Gland	+	+	+	+	+	5
Prostate	+	+	+	+	+	5
Seminal Vesicle	+	+	+	+	+	5
Testes	+	+	+	+	+	5

Hematopoietic System

Bone Marrow	+	+	+	+	+	5
Lymph Node, Mandibular	+	+	+	+	+	5
Lymph Node, Mesenteric	+	+	+	+	+	5
Spleen	+	+	+	+	+	5
Thymus	+	+	+	+	+	5

Integumentary System

Mammary Gland	M	M	M	M	M	0
Skin	+	+	+	+	+	5

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

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X ..Lesion present

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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	0	0	
	1	1	1	1	1	
	8	8	8	8	8	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	4	4	4	4	4	
	1	2	3	4	5	*TOTALS
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 System						
Larynx	I	+	+	I	I	2
Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5
Trachea	+	+	+	+	+	5
Special Senses System						
Eye	+	+	+	+	+	5
Harderian Gland	+	+	+	+	+	5
Urinary System						
Kidney	+	+	+	+	+	5
Urinary Bladder	+	+	+	+	+	5

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

+ ..Tissue examined microscopically

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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	0	
		0	1	0	0	1	
		4	8	4	8	5	
	ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0		
	0	0	0	0	0		
	5	5	5	5	5		
	1	2	3	4	5	*TOTALS	

Alimentary System

Esophagus	+	+	+	+	+	5
Gallbladder	+	+	+	+	A	4
Intestine Large, Cecum	A	+	A	A	A	1
Intestine Large, Colon	A	+	A	+	A	2
Intestine Large, Rectum	A	+	A	+	A	2
Intestine Small, Duodenum	A	+	A	A	A	1
Intestine Small, Ileum	A	+	A	A	A	1
Intestine Small, Jejunum	A	+	A	A	A	1
Liver	+	+	+	+	+	5
Pancreas	+	+	+	+	+	5
Salivary Glands	+	+	+	+	+	5
Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5

Cardiovascular System

Blood Vessel	+	+	+	+	+	5
Heart	+	+	+	+	+	5

Endocrine System

Adrenal Cortex	+	+	+	+	+	5
Adrenal Medulla	+	+	+	+	+	5
Islets, Pancreatic	+	+	+	+	+	5

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

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First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male
100 MG/KG

	DAY ON TEST					*TOTALS
	0	0	0	0	0	
	0	0	0	0	0	
	0	1	0	0	1	
	4	8	4	8	5	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	5	5	5	5	5	
	1	2	3	4	5	
Parathyroid Gland	M	M	+	M	M	1
Pituitary Gland	+	+	+	+	+	5
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
Lymph Node, Mandibular	+	+	+	+	M	4
Lymph Node, Mesenteric	+	+	+	+	+	5
Spleen	+	+	+	+	+	5
Thymus	+	+	+	+	+	5
Integumentary System						
Mammary Gland	M	M	M	M	M	0
Skin	+	+	+	+	+	5

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

+ ..Tissue examined microscopically

X ..Lesion present

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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	0	
	0	1	0	0	0	1
	4	8	4	8	5	
ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	5	5	5	5	5	
	1	2	3	4	5	*TOTALS

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 System

Larynx			+			1
Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5
Trachea	+	+	+	+	+	5

Special Senses System

Eye	+	+	+	+	+	5
Harderian Gland	+	+	+	+	+	5

Urinary System

Kidney	+	+	+	+	+	5
Renal Tubule, Degeneration, Focal				2		1 2.0
Urinary Bladder	+	+	+	+	+	5

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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: 99021-02

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: 10/19/2014

Time Report Requested: 11:46:27

First Dose M/F: NA / NA

Lab: MBA

END OF MALE DATA

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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: 99021-02

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: 10/19/2014

Time Report Requested: 11:46:27

First Dose M/F: NA / NA

Lab: MBA

		DAY ON TEST					
B6C3F1 Mouse Female	VEHICLE CONTROL	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		8	8	8	8	8	
		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	1	
		6	7	8	9	0	*TOTALS

Alimentary 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

Cardiovascular System

Blood Vessel	+	+	+	+	+	5
Heart	+	+	+	+	+	5

Endocrine System

Adrenal Cortex	+	+	+	+	+	5
Subcapsular, Hyperplasia, Focal	1				1	2 1.0
Adrenal Medulla	+	+	+	+	+	5

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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: 99021-02

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: 10/19/2014

Time Report Requested: 11:46:27

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Female VEHICLE CONTROL	DAY ON TEST					ANIMAL ID					
	0	0	0	0	0						
	0	0	0	0	0						
	1	1	1	1	1						
	8	8	8	8	8						
	0	0	0	0	0						
	0	0	0	0	0						
	0	0	0	0	0						
	6	7	8	9	10						
											*TOTALS
Islets, Pancreatic	+	+	+	+	+						5
Parathyroid Gland	+	+	+	+	+						5
Pituitary Gland	+	+	1	+	1						3
Thyroid Gland	+	+	+	+	+						5
Ectopic Thymus	1								1	1.0	
General Body System											
NONE											
Genital System											
Clitoral Gland	M	+	+	+	M						3
Ovary	+	+	+	+	+						5
Uterus	+	+	+	+	+						5
Hematopoietic System											
Bone Marrow	+	+	+	+	+						5
Lymph Node, Mandibular	+	+	+	+	+						5
Lymph Node, Mesenteric	+	+	+	+	+						5
Spleen	+	+	+	+	+						5
Hematopoietic Cell Proliferation	2		2		2				3	2.0	
Thymus	+	+	+	+	+						5
Integumentary System											
Mammary Gland	+	+	+	+	M						4
Skin	+	+	+	+	+						5

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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: 99021-02

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: 10/19/2014

Time Report Requested: 11:46:27

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Female VEHICLE CONTROL	DAY ON TEST					ANIMAL ID	*TOTALS
	0	0	0	0	0		
	0	0	0	0	0		
	1	1	1	1	1		
	8	8	8	8	8		
	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		
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 System							
Larynx	+	+	I	+	I		3
Lung	+	+	+	+	+		5
Nose	+	+	+	+	+		5
Trachea	+	+	+	+	+		5
Special Senses System							
Eye	+	+	+	+	+		5
Harderian Gland	+	+	+	+	+		5
Urinary System							
Kidney	+	+	+	+	+		5
Urinary Bladder	+	+	+	+	+		5

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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: 99021-02
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: 10/19/2014
Time Report Requested: 11:46:27
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 lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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: 99021-02
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: 10/19/2014
Time Report Requested: 11:46:27
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

B6C3F1 Mouse Female

1.0 MG/KG

ANIMAL ID

*TOTALS

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

X ..Lesion present

I ..Insufficient tissue

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: 99021-02
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: 10/19/2014
Time Report Requested: 11:46:27
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 lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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: 99021-02
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: 10/19/2014
Time Report Requested: 11:46:27
First Dose M/F: NA / NA
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

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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: 99021-02
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: 10/19/2014
Time Report Requested: 11:46:27
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

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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: 99021-02
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: 10/19/2014
Time Report Requested: 11:46:27
First Dose M/F: NA / NA
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

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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: 99021-02
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: 10/19/2014
Time Report Requested: 11:46:27
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

B6C3F1 Mouse 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

NONE

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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: 99021-02
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: 10/19/2014
Time Report Requested: 11:46:27
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

B6C3F1 Mouse Female
30.0 MG/KG

ANIMAL ID

*TOTALS

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

X ..Lesion present

I ..Insufficient tissue

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: 99021-02

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: 10/19/2014

Time Report Requested: 11:46:27

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	0	0	0	
		1	1	1	4	8	
	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
	0	0	0	0	0		
	5	5	5	5	6		
	6	7	8	9	0	*TOTALS	

Alimentary System

Esophagus	+	+	+	+	+	5
Gallbladder	+	+	+	A	+	4
Intestine Large, Cecum	A	A	A	A	A	0
Intestine Large, Colon	A	A	A	A	A	0
Intestine Large, Rectum	+	+	+	+	+	5
Intestine Small, Duodenum	A	A	A	A	A	0
Intestine Small, Ileum	A	A	A	A	A	0
Intestine Small, Jejunum	A	A	A	A	A	0
Liver	+	+	+	+	+	5
Pancreas	+	+	+	+	+	5
Salivary Glands	+	+	+	+	+	5
Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5

Cardiovascular System

Blood Vessel	+	+	+	+	+	5
Heart	+	+	+	+	+	5

Endocrine System

Adrenal Cortex	+	+	+	+	+	5
Adrenal Medulla	+	+	+	+	+	5
Islets, Pancreatic	+	+	+	+	+	5

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99021-02

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: 10/19/2014

Time Report Requested: 11:46:27

First Dose M/F: NA / NA

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	0	0	0					
	0	0	0	0	0	0					
	1	1	1	4	8						
	0	0	0	0	0						
	0	0	0	0	0						
	0	0	0	0	0						
	5	5	5	5	6						
	6	7	8	9	0						
											*TOTALS
Parathyroid Gland	M	M	M	M	M						0
Pituitary Gland	+	+	+	+	I						4
Thyroid Gland	+	+	+	+	+						5
General Body System											
NONE											
Genital System											
Clitoral Gland	+	+	+	+	+						5
Ovary	+	+	+	+	+						5
Uterus	+	+	+	+	+						5
Hydrometra			2	2				2	2.0		
Hematopoietic System											
Bone Marrow	+	+	+	+	+						5
Lymph Node, Mandibular	+	+	+	+	+						5
Lymph Node, Mesenteric	+	+	+	+	+						5
Spleen	+	+	+	+	+						5
Hematopoietic Cell Proliferation			2					1	2.0		
Thymus	+	+	+	+	+						5
Integumentary System											
Mammary Gland	+	+	+	+	+						5
Skin	+	+	+	+	+						5

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99021-02

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: 10/19/2014

Time Report Requested: 11:46:27

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	0	0	0
			1	1	1	4	8
			1	1	1	4	8
	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		0	0	0	0	0	
		5	5	5	5	6	
		6	7	8	9	0	

*TOTALS

Musculoskeletal System

Bone	+	+	+	+	+	5
Skeletal Muscle	+	+	+	+	+	5

Nervous System

Brain, NOS	+	+	+	+	+	5
Peripheral Nerve, Sciatic	M	+	+	+	+	4
Spinal Cord, Cervical	+	+	+	+	+	5
Spinal Cord, Lumbar	+	+	+	+	+	5

Respiratory System

Larynx	+	I	+	+	+	4
Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5
Trachea	+	+	+	+	+	5

Special Senses System

Eye	+	+	+	+	+	5
Harderian Gland	+	+	+	+	+	5

Urinary System

Kidney	+	+	+	+	+	5
Urinary Bladder	+	+	M	+	+	4

** END OF REPORT **

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked