Test Type: 14-DAY
Route: GAVAGE

C Number:

Species/Strain: Mouse/B6C3F1

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** alpha-Thujone **CAS Number:** 546-80-5

First Dose M/F: NA / NA

Date Report Requested: 10/19/2014

Time Report Requested: 11:45:21

Lab: MBA

C99021

**Lock Date:** 01/24/2002

Cage Range: All

Date Range: All

Reasons For Removal:

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

PWG Approval Date NONE

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: 10/19/2014 Time Report Requested: 11:45:21

First Dose M/F: NA / NA

Lab: MBA

# **B6C3F1 Mouse Male VEHICLE CONTROL**

Species/Strain: Mouse/B6C3F1

DAY ON TEST	0	0	0	0	0
	0	0	0	0	0
	1	1	1	1	1
	8	8	8	8	8
V VIIIVAVI ID	0	0	0	0	0
ANIMAL ID	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	1	2	3	4	5

\*TOTALS

Alimentary	System
------------	--------

Alimentary System						
Esophagus	+	+	+	М	+	4
Gallbladder	М	+	+	+	+	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

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> 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

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: GAVAGE

Time Report Requested: 11:45:21

First Dose M/F: NA / NA

Date Report Requested: 10/19/2014

Lab: MBA

B6C3F1 Mouse Male	DAY ON TEST	0	0 0	0 0	0 0	0 0	
VEHICLE CONTROL	ANIMAL ID	1 8 0	1 8 0	1 8 0	1 8 0	1 8 0	
	ANIMALID	0 0 0 1	0 0 0 2	0 0 0 3	0 0 0 4	0 0 0 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
Thymus		+	+	+	+	+	5
Integumentary System							
Mammary Gland		М	М	+	М	М	1
Skin		+	+	+	+	+	5

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>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: 10/19/2014 Time Report Requested: 11:45:21

First Dose M/F: NA / NA

Lab: MBA

Species/Strain: Mouse/B6C3F1

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

Urinary Bladder

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

5

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 99021-02 P07: NEOPLASMS BY INDIVIDUAL ANIMAL

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone

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

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:21

First Dose M/F: NA / NA

Lab: MBA

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: GAVAGE

B6C3F1	Mouse	Male
<b>VEHICLI</b>	E CONT	ROL

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	
AMINAL ID	0	0	0	0	0	
	0	0	0	0	0	
	0	0	0	0	0	
	1	2	3	4	5	

\*TOTALS

#### **SYSTEMIC LESIONS**

Multiple Organ + + + + + 5

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Test Type: 14-DAY

Route: GAVAGE

CAS Number: 546-80-5

Species/Strain: Mouse/B6C3F1

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:21

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

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Test Compound: alpha-Thujone

Date Report Requested: 10/19/2014

Time Report Requested: 11:45:21

First Dose M/F: NA / NA

Lab: MBA

Route: GAVAGE

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

Species/Strain: Mouse/B6C3F1

DAY ON TEST

**B6C3F1 Mouse Male** MG/KG

ANIMAL ID

\*TOTALS

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ 0

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Compound: alpha-Thujone
CAS Number: 546-80-5

Species/Strain: Mouse/B6C3F1

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:21 First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

# B6C3F1 Mouse Male 3.0 MG/KG

ANIMAL ID

\*TOTALS

**Alimentary System** 

Test Type: 14-DAY

Route: GAVAGE

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

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Test Compound: alpha-Thujone

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:21

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

**SYSTEMIC LESIONS** 

Multiple Organ 0

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

Test Type: 14-DAY

Route: GAVAGE

CAS Number: 546-80-5

Species/Strain: Mouse/B6C3F1

Lab: MBA

Date Report Requested: 10/19/2014

Time Report Requested: 11:45:21

First Dose M/F: NA / NA

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

X .. Lesion present

I ..Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Test Compound: alpha-Thujone

Date Report Requested: 10/19/2014

Time Report Requested: 11:45:21

First Dose M/F: NA / NA

Lab: MBA

Route: GAVAGE

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

Species/Strain: Mouse/B6C3F1

DAY ON TEST

**B6C3F1 Mouse Male** 10.0 MG/KG

ANIMAL ID

\*TOTALS

0

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Test Type: 14-DAY

Species/Strain: Mouse/B6C3F1

Route: GAVAGE

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone **CAS Number:** 546-80-5

Time Report Requested: 11:45:21

Date Report Requested: 10/19/2014

First Dose M/F: NA / NA

Lab: MBA

B6C3	F1 Mouse Male	
30.0	MG/KG	

DAY ON TEST	0	0	0	0	0
	O	0	0	U	0
	1	1	1	1	1
	8	8	8	8	8
ANIMAL ID	0	0	0	0	0
AMIMAL ID	0	0	0	0	0
	0	0	0	0	0
	4	4	4	4	4
	1	4	3	4	5

\*TOTALS

Alimentary	System
------------	--------

Alimentary System						
Esophagus	+	+	+	+	+	5
Gallbladder	М	+	+	+	+	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

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>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

Time Report Requested: 11:45:21
First Dose M/F: NA / NA

Lab: MBA

Date Report Requested: 10/19/2014

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: GAVAGE

B6C3F1 Mouse Male 30.0 MG/KG	DAY ON TEST  ANIMAL ID	0 0 1 8 0 0 0 0 4 1	0 0 1 8 0 0 0 0 4 2	0 0 1 8 0 0 0 4 3	0 0 1 8 0 0 0 0 4 4	0 0 1 8 0 0 0 0 4 5	*TOTALS
Parathyroid Gland		М	+	+	М	+	3
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
Thymus		+	+	+	+	+	5
Integumentary System							
Mammary Gland		М	М	М	М	М	0
Skin		+	+	+	+	+	5

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>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

Route: GAVAGE Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

First Dose M/F: NA / NA

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:21

Lab: MBA

B6C3F1 Mouse Male 30.0 MG/KG	DAY ON TEST  ANIMAL ID	0 0 1 8 0 0 0 4 1	0 0 1 8 0 0 0 4 2	0 0 1 8 0 0 0 4 3	0 0 1 8 0 0 0 4 4	0 0 1 8 0 0 0 4 5	*TOTALS
Musculoskeletal System							
Bone		+	+	+	+	+	5
Skeletal Muscle Nervous System		+	+	+	+	+	5
Brain, NOS		+	+	+	+	+	5
Peripheral Nerve, Sciatic		+	+	+	+	+	5
Spinal Cord, Cervical		+	+	+	+	+	5
Spinal Cord, Lumbar		+	+	+	+	+	5
Respiratory System							
Larynx		ı	+	+	I	I	2
Lung		+	+	+	+	+	5
Nose		+	+	+	+	+	5
Trachea		+	+	+	+	+	5
Special Senses System							
Eye		+	+	+	+	+	5
Harderian Gland		+	+	+	+	+	5
Urinary System							
Kidney		+	+	+	+	+	5
Urinary Bladder		+	+	+	+	+	5

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Compound: alpha-Thujone

5

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

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:21

First Dose M/F: NA / NA

Lab: MBA

B6C3F	1 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	
AMIMAL ID	0	0	0	0	0	
	0	0	0	0	0	
	4	4	4	4	4	
	1	2	3	4	5	*TOTALS

**SYSTEMIC LESIONS** 

Multiple Organ

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>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: 10/19/2014 Time Report Requested: 11:45:21

First Dose M/F: NA / NA

Lab: MBA

Species/Strain: Mouse/B6C3F1

**Experiment Number: 99021-02** 

Test Type: 14-DAY

Route: GAVAGE

B6C3F1 Mouse Male 100 MG/KG	DAY ON TEST	0 0 0 4 0 0 0 0 5 1	0 0 1 8 0 0 0 5 2	0 0 4 0 0 0 0 0 5 3	0 0 8 0 0 0 0 0 5 4	0 0 1 5 0 0 0 5 5	*TOTALS
Alimentary System							
Esophagus		+	+	+	+	+	5
Gallbladder		+	+	+	+	Α	4
Intestine Large, Cecum		Α	+	Α	Α	Α	1
Intestine Large, Colon		Α	+	Α	+	Α	2
Intestine Large, Rectum		Α	+	Α	+	Α	2
Intestine Small, Duodenum		Α	+	Α	Α	Α	1
Intestine Small, Ileum		Α	+	Α	Α	Α	1
Intestine Small, Jejunum		Α	+	Α	Α	Α	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

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

Test Compound: alpha-Thujone

Route: GAVAGE Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

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

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:21

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male 100 MG/KG  Parathyroid Gland Pituitary Gland Thyroid Gland	DAY ON TEST  ANIMAL ID	0 0 0 4 0 0 0 0 5 1 M	0 0 1 8 0 0 0 5 2 M	0 0 0 4 0 0 0 0 5 3	0 0 8 0 0 0 0 5 4 M	0 0 1 5 0 0 0 5 5 M +	*TOTALS 1 5 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		+	+	+	+	М	4
Lymph Node, Mesenteric		+	+	+	+	+	5
Spleen		+	+	+	+	+	5
Thymus		+	+	+	+	+	5
Integumentary System							
Mammary Gland		М	М	М	М	М	0
Skin		+	+	+	+	+	5

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** alpha-Thujone **CAS Number:** 546-80-5

Route: GAVAGE
Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

**Date Report Requested:** 10/19/2014 **Time Report Requested:** 11:45:21

First Dose M/F: NA / NA

Lab: MBA

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

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Compound: alpha-Thujone

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

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/19/2014
Time Report Requested: 11:45:21

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male 100 MG/KG

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

\*TOTALS

#### **SYSTEMIC LESIONS**

Multiple Organ

+ + + + +

\*\*\*END OF MALE DATA\*\*\*

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

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

**Test Compound:** alpha-Thujone **CAS Number:** 546-80-5

Time Report Requested: 11:45:21
First Dose M/F: NA / NA

Lab: MBA

Date Report Requested: 10/19/2014

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: GAVAGE

B6C3F1 Mouse Femal VEHICLE CONTROL	DAY ON TEST	0 0 1 8 0 0 0 0 0 6	0 0 1 8 0 0 0 0 7	0 0 1 8 0 0 0 0 0 8	0 0 1 8 0 0 0 0 0	0 0 1 8 0 0 0 0 1 0	*TOTALS
Alimentary System							
Esophagus Gallbladder Intestine Large, Cecum Intestine Large, Colon Intestine Large, Rectum Intestine Small, Duodenum Intestine Small, Ileum Intestine Small, Jejunum Liver Pancreas Salivary Glands Stomach, Forestomach		+ + + + + + + + +	+ M + + + + + + + + + + + + + + + + + +	+ + + + + + + + + +	+ + + + + + + + + +	+ M + + + + + + + +	5 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Stomach, Glandular		+	+	+	+	+	5
Cardiovascular System  Blood Vessel Heart  Endocrine System		+	+	+	++	+	5 5
Adrenal Cortex Adrenal Medulla Islets, Pancreatic		+++++	+ + +	+ + + +	+ + + +	+ + + +	5 5 5

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: GAVAGE

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

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:21

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Female VEHICLE CONTROL	DAY ON TEST <b>e</b> ANIMAL ID	0 0 1 8 0 0 0 0 0 6	0 0 1 8 0 0 0 0 0 7	0 0 1 8 0 0 0 0 0 8	0 0 1 8 0 0 0 0 0	0 0 1 8 0 0 0 0 1 0	*TOTALS
Parathyroid Gland		+	+	+	+	+	5
Pituitary Gland		+	+	I	+	I	3
Thyroid Gland General Body System		+	+	+	+	+	5
NONE Genital System							
Clitoral Gland		М	+	+	+	М	3
Ovary		+	+	+	+	+	5
Uterus		+	+	+	+	+	5
Hematopoietic System							
Bone Marrow		+	+	+	+	+	5
Lymph Node, Mandibular		+	+	+	+	+	5
Lymph Node, Mesenteric		+	+	+	+	+	5
Spleen		+	+	+	+	+	5
Thymus		+	+	+	+	+	5
Integumentary System							
Mammary Gland		+	+	+	+	М	4
Skin		+	+	+	+	+	5
Musculoskeletal System							
Bone		+	+	+	+	+	5

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** alpha-Thujone **CAS Number:** 546-80-5

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: GAVAGE

**Date Report Requested:** 10/19/2014 **Time Report Requested:** 11:45:21

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Femal VEHICLE CONTROL  Skeletal Muscle	DAY ON TEST <b>e</b> ANIMAL ID	0 0 1 8 0 0 0 0 0 6	0 0 1 8 0 0 0 0 7	0 0 1 8 0 0 0 0 0 8	0 0 1 8 0 0 0 0 0 9	0 0 1 8 0 0 0 1 0	*TOTALS
Nervous System							
Brain, NOS Peripheral Nerve, Sciatic Spinal Cord, Cervical Spinal Cord, Lumbar Respiratory System		+ + + +	+ + + + +	+ + + + +	+ + + + +	+ + + +	5 5 5 5
Lung		+	+		+		3 5
Lung Nose		+	+	+	+	+	5
Trachea Special Senses System		+	+	+	+	+	5
Eye		+	+	+	+	+	5
Harderian Gland Urinary System		+	+	+	+	+	5
Kidney		+	+	+	+	+	5
Urinary Bladder SYSTEMIC LESIONS		+	+	+	+	+	5
Multiple Organ		+	+	+	+	+	5

M ..Missing tissue

A .. Autolysis precludes evaluation

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

<sup>+ ..</sup>Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 14-DAY

Route: GAVAGE

CAS Number: 546-80-5

Species/Strain: Mouse/B6C3F1

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:21

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

X .. Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Test Compound: alpha-Thujone

Date Report Requested: 10/19/2014

Time Report Requested: 11:45:21

First Dose M/F: NA / NA

Lab: MBA

Route: GAVAGE

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

Species/Strain: Mouse/B6C3F1

DAY ON TEST

# **B6C3F1 Mouse Female** MG/KG

ANIMAL ID

\*TOTALS

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ

0

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

Test Compound: alpha-Thujone **CAS Number:** 546-80-5

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:21

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

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY Test Compound: alpha-Thujone Route: GAVAGE **CAS Number:** 546-80-5

Species/Strain: Mouse/B6C3F1

Time Report Requested: 11:45:21

Date Report Requested: 10/19/2014

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

**B6C3F1 Mouse Female** MG/KG 3.0

ANIMAL ID

\*TOTALS

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ 0

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

Test Compound: alpha-Thujone
CAS Number: 546-80-5

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: GAVAGE

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

Date Report Requested: 10/19/2014

Time Report Requested: 11:45:21

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

X .. Lesion present

I ..Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Test Compound: alpha-Thujone

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:21

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

**SYSTEMIC LESIONS** 

Multiple Organ 0

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

Test Type: 14-DAY

Route: GAVAGE

Test Compound: alpha-Thujone
CAS Number: 546-80-5

Species/Strain: Mouse/B6C3F1

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

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/19/2014

Time Report Requested: 11:45:21

First Dose M/F: NA / NA

Lab: MBA

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

<sup>+ ..</sup> Tissue examined microscopically

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Test Compound: alpha-Thujone

Route: GAVAGE

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

Time Report Requested: 11:45:22

Date Report Requested: 10/19/2014

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

**B6C3F1 Mouse Female** 30.0 MG/KG

Species/Strain: Mouse/B6C3F1

ANIMAL ID

\*TOTALS

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ 0

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone

Species/Strain: Mouse/B6C3F1

**Experiment Number: 99021-02** 

Test Type: 14-DAY

Route: GAVAGE

Time Report Requested: 11:45:22 **CAS Number:** 546-80-5 First Dose M/F: NA / NA Lab: MBA

Date Report Requested: 10/19/2014

B6C3F1 Mouse Femal 100 MG/KG	DAY ON TEST I <b>e</b> ANIMAL ID	0 0 0 1 0 0 0 0 5	0 0 0 1 0 0 0 0 5	0 0 0 1 0 0 0 0 5	0 0 0 4 0 0 0 0 0 5	0 0 8 0 0 0 0	************
Alimentary System		6	7	8	9	0	*TOTALS
7entary Cyclem							
Esophagus		+	+	+	+	+	5
Gallbladder		+	+	+	Α	+	4
Intestine Large, Cecum		Α	Α	Α	Α	Α	0
Intestine Large, Colon		Α	Α	Α	Α	Α	0
Intestine Large, Rectum		+	+	+	+	+	5
Intestine Small, Duodenum		Α	Α	Α	Α	Α	0
Intestine Small, Ileum		Α	Α	Α	Α	Α	0
Intestine Small, Jejunum		Α	Α	Α	Α	Α	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

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Route: GAVAGE

CAS Number: 546-80-5

Species/Strain: Mouse/B6C3F1

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:22

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Femal 100 MG/KG	DAY ON TEST <b>e</b> ANIMAL ID	0 0 0 1 0 0 0 0 5 6	0 0 0 1 0 0 0 0 5 7	0 0 0 1 0 0 0 0 5 8	0 0 4 0 0 0 0 0 5 9	0 0 8 0 0 0 0 0 6	*TOTALS
Parathyroid Gland		M	М	М	М	М	0
Pituitary Gland		+	+	+	+	I	4
Thyroid Gland  General Body System		+	+	+	+	+	5
NONE Genital System							
Clitoral Gland		+	+	+	+	+	5
Ovary		+	+	+	+	+	5
Uterus		+	+	+	+	+	5
Hematopoietic System							
Bone Marrow		+	+	+	+	+	5
Lymph Node, Mandibular		+	+	+	+	+	5
Lymph Node, Mesenteric		+	+	+	+	+	5
Spleen		+	+	+	+	+	5
Thymus		+	+	+	+	+	5
Integumentary System							
Mammary Gland		+	+	+	+	+	5
Skin		+	+	+	+	+	5
Musculoskeletal System							
Bone		+	+	+	+	+	5

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** alpha-Thujone **CAS Number:** 546-80-5

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:22

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Femal 100 MG/KG	DAY ON TEST e  ANIMAL ID	0 0 1	0 0 0 1 0 0 0 0 5 7	0 0 0 1 0 0 0 0 5 8	0 0 4 0 0 0 0 0 5 9	0 0 8 0 0 0 0 0 6 0	*TOTALS
Skeletal Muscle		+	+	+	+	+	5
Nervous System							
Brain, NOS		+	+	+	+	+	5
Peripheral Nerve, Sciatic		М	+	+	+	+	4
Spinal Cord, Cervical		+	+	+	+	+	5
Spinal Cord, Lumbar		+	+	+	+	+	5
Respiratory System							
Larynx		+	ı	+	+	+	4
Lung		+	+	+	+	+	5
Nose		+	+	+	+	+	5
Trachea		+	+	+	+	+	5
Special Senses System							
Eye		+	+	+	+	+	5
Harderian Gland		+	+	+	+	+	5
Urinary System							
Kidney		+	+	+	+	+	5
Urinary Bladder		+	+	М	+	+	4
SYSTEMIC LESIONS							
Multiple Organ		+	+	+	+	+	5 ** END OF REPORT **

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue