Test Type: 14-DAY

Species/Strain: Mouse/B6C3F1

Route: GAVAGE

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

**Test Compound:** alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 10/20/2014 Time Report Requested: 16:52:14

First Dose M/F: NA / NA

Lab: MBA

C Number: C99037

**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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** alpha/beta Thujone mixture

Route: GAVAGE
Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

CAS Number: 76231-76-0

\*TOTALS

Time Report Requested: 16:52:14

Date Report Requested: 10/20/2014

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male VEHICLE CONTROL

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

**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

M .. Missing tissue

A .. Autolysis precludes evaluation

**Test Compound:** alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/20/2014 Time Report Requested: 16:52:15

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male VEHICLE CONTROL	DAY ON TEST	0 0 1 7 0 0 0 0 0	0 0 1 7 0 0 0 0 0	0 0 1 7 0 0 0 0 0 3	0 0 1 7 0 0 0 0 0 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 SYSTEMIC LESIONS						
Multiple Organ		+	+	+	+	4

X ..Lesion present

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

I .. Insufficient tissue

Test Compound: alpha/beta Thujone mixture

CAS Number: 76231-76-0

Test Type: 14-DAY

Date Report Requested: 10/20/2014 Time Report Requested: 16:52:15

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

# **B6C3F1 Mouse Male** MG/KG

Species/Strain: Mouse/B6C3F1

ANIMAL ID

\*TOTALS

**Alimentary System** 

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

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 Compound:** alpha/beta Thujone mixture

CAS Number: 76231-76-0

Route: GAVAGE

Test Type: 14-DAY

Species/Strain: Mouse/B6C3F1

Lab: MBA

Date Report Requested: 10/20/2014

Time Report Requested: 16:52:15

First Dose M/F: NA / NA

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

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/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 10/20/2014 Time Report Requested: 16:52:15

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

# B6C3F1 Mouse Male 3.0 MG/KG

Species/Strain: Mouse/B6C3F1

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 Compound: alpha/beta Thujone mixture

Date Report Requested: 10/20/2014

Time Report Requested: 16:52:15

First Dose M/F: NA / NA

Lab: MBA

CAS Number: 76231-76-0

Route: GAVAGE

Test Type: 14-DAY

Species/Strain: Mouse/B6C3F1

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

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/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 10/20/2014 Time Report Requested: 16:52:15

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

# B6C3F1 Mouse Male 10.0 MG/KG

Species/Strain: Mouse/B6C3F1

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)

Date Report Requested: 10/20/2014

Time Report Requested: 16:52:15

First Dose M/F: NA / NA

Lab: MBA

Test Compound: alpha/beta Thujone mixture

CAS Number: 76231-76-0

Route: GAVAGE

Test Type: 14-DAY

Species/Strain: Mouse/B6C3F1

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

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/beta Thujone mixture

Route: GAVAGE

Test Type: 14-DAY

CAS Number: 76231-76-0

Species/Strain: Mouse/B6C3F1

D

Date Report Requested: 10/20/2014 Time Report Requested: 16:52:15

First Dose M/F: NA / NA

Lab: MBA

**B6C3F1 Mouse Male** 30.0 MG/KG

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	3	
3	4	5	6	*
	0 1 7	0 0 1 1 7 7 0 0 0 0 0 0	0         0         0           1         1         1           7         7         7           0         0         0           0         0         0           0         0         0           0         0         0	0         0         0         0           1         1         1         1           7         7         7         7           0         0         0         0           0         0         0         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** 

4 Brain, Entorhinal Cortex

- \* ..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 Compound: alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

Date Report Requested: 10/20/2014

Time Report Requested: 16:52:15

First Dose M/F: NA / NA

Lab: MBA

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: GAVAGE

B6C3F	1 Mouse Male
30.0	MG/KG

Brain, Hippocampus Brain, Piriform Cortex Peripheral Nerve, Sciatic Peripheral Nerve, Tibial Spinal Cord, Cervical Spinal Cord, Lumbar

	DAT ON ILST	U		U	, <i>u</i>	
		0	0	0	0	
<del>)</del>		<i>1 7</i>	<i>1</i> 7	<i>1</i> 7	1 7	
	ANIMAL ID	0	0	0	0	
	7 (1 V 11 V 17 ) L 10	0	0	0	0	
		0 3 3	3 4	3 5	0 3 6	*TOTALS
		+	+	+	+	4
		+	+	+	+	4
		+	+	+	+	4
		+	+	+	+	4
		+	+	+	+	4
		_	_	_	_	1

DAY ON TEST  $\theta$   $\theta$   $\theta$ 

**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

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

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

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

**Alimentary System** 

Intestine Large, Cecum Intestine Large, Colon Intestine Large, Rectum Intestine Small, Duodenum Intestine Small, Ileum Intestine Small, Jejunum

Esophagus Gallbladder

Liver **Pancreas** Salivary Glands

Route: GAVAGE

**Experiment Number: 99037-97** 

Date Report Requested: 10/20/2014 Time Report Requested: 16:52:15

First Dose M/F: NA / NA

Lab: MBA

	DAY ON 1EST	U	(
<b>B6C3F1 Mouse Male</b>	DAY ON 1EST	0	(
DOCSET I WOUSE Male		0	(
100 MG/KG		8	ð
	ANIMAL ID	0	(
	ANIMAL ID	0	۱ (

DAY ON TEST  ANIMAL ID	0 0 8 0 0 0 0 0 4 1	0 0 8 0 0 0 0 0 4 2	0 0 1 7 0 0 0 4 3	0 0 9 0 0 0 0 0 4 4	*TOTALS
	+ + + + + + + + + + + + + + + + + + + +	+ + A + + A A A + + + + + + + + + + + +		+ + + + + + + + A + + + A	3 3 2 3 3 2 2 1 3 3 3 3 3 3

### Stomach, Glandular Cardiovascular System

Adrenal Medulla

Islets, Pancreatic

Stomach, Forestomach

Blood Vessel Heart	+	+	+	3
Endocrine System				
Adrenal Cortex	+	+	+	3

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

3 3

<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/beta Thujone mixture

Route: GAVAGE
Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

**CAS Number:** 76231-76-0

Date Report Requested: 10/20/2014 Time Report Requested: 16:52:15

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male 100 MG/KG	DAY ON TEST  ANIMAL ID	0 0 8 0 0 0 0 0 4 1	0 0 8 0 0 0 0 0 4 2	0 0 1 7 0 0 0 4 3	0 0 9 0 0 0 0 0 0 4 4	*TOTALS
Parathyroid Gland		М	+		М	1
Pituitary Gland		+	+		I	2
Thyroid Gland		+	+		+	3
General Body System						
NONE						
Genital System						
Epididymis		+	+		+	3
Preputial Gland		+	+		+	3
Prostate		+	+		+	3
Seminal Vesicle		+	+		+	3
Testes		+	+		+	3
Hematopoietic System						
Bone Marrow		+	+		+	3
Lymph Node, Mandibular		+	+		+	3
Lymph Node, Mesenteric		+	+		+	3
Spleen		+	+		+	3
Thymus		+	+		+	3
Integumentary System						
Mammary Gland		М	М		М	0
Skin		+	+		+	3

<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/beta Thujone mixture

Route: GAVAGE
Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

**CAS Number:** 76231-76-0

Date Report Requested: 10/20/2014 Time Report Requested: 16:52:15

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male 100 MG/KG	DAY ON TEST  ANIMAL ID	0 0 8 0 0 0	0 0 8 0 0 0	0 0 1 7 0 0 0	0 0 0 0 0 0 0	
		4	4 2	4	4	*TOTALS
Musculoskeletal System				-		
Bone		+	+		+	3
Skeletal Muscle		+	+		+	3
Nervous System						
Brain, Entorhinal Cortex				+		1
Brain, Hippocampus				+		1
Brain, NOS		+	+		+	3
Brain, Piriform Cortex Peripheral Nerve, Sciatic		+	+	+	+	1
Peripheral Nerve, Tibial		т	Т	+	Т	1
Spinal Cord, Cervical		+	+	+	+	4
Spinal Cord, Lumbar		+	+	+	+	4
Respiratory System						
Larynx		+	I		ı	1
Lung		+	+		+	3
Nose		+	+		+	3
Trachea		+	+		+	3
Special Senses System						
Eye		+	+		+	3
Harderian Gland		+	+		+	3

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Thujone mixture

CAS Number: 76231-76-0

Species/Strain: Mouse/B6C3F1

**Experiment Number: 99037-97** 

Test Type: 14-DAY

Route: GAVAGE

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

Date Report Requested: 10/20/2014

Time Report Requested: 16:52:15

B6C3F1 Mouse Male 100 MG/KG	DAY ON TEST  ANIMAL ID	0 0 8	0 0 8 0 0 0 0 0 4 2	0 0 1 7 0 0 0 4 3	0 0 9 0 0 0 0 0 4 4	*TOTALS
Urinary System						
Kidney		+	+		+	3
Urinary Bladder		+	+		I	2
SYSTEMIC LESIONS						
Multiple Organ		+	+	+	+	4
						***END OF MALE DATA***

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/beta Thujone mixture

Route: GAVAGE
Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

CAS Number: 76231-76-0

Date Report Requested: 10/20/2014 Time Report Requested: 16:52:15

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST 0 0 0 0 0 **B6C3F1 Mouse Female** *1 7* 7 **VEHICLE CONTROL** 0 0 0 0 0 0 ANIMAL ID 0 0 0 0 0 0 5 0 6 0 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
- + .. 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/beta Thujone mixture

**CAS Number:** 76231-76-0

Species/Strain: Mouse/B6C3F1

**Experiment Number:** 99037-97

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/20/2014 Time Report Requested: 16:52:15

First Dose M/F: NA / NA

Lab: MBA

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 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

X ..Lesion present

I .. Insufficient tissue

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

Test Type: 14-DAY

Test Compound: alpha/beta Thujone mixture

Route: GAVAGE CAS Number: 76231-76-0 Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/20/2014

Time Report Requested: 16:52:15

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 Compound: alpha/beta Thujone mixture

Date Report Requested: 10/20/2014

Time Report Requested: 16:52:15

First Dose M/F: NA / NA

Lab: MBA

CAS Number: 76231-76-0

Route: GAVAGE

Test Type: 14-DAY

Species/Strain: Mouse/B6C3F1

DAY ON TEST

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

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 Test Compound: alpha/beta Thujone mixture Route: GAVAGE

Species/Strain: Mouse/B6C3F1

Date Report Requested: 10/20/2014 Time Report Requested: 16:52:15 CAS Number: 76231-76-0

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

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)

Date Report Requested: 10/20/2014

Time Report Requested: 16:52:15

First Dose M/F: NA / NA

Lab: MBA

Test Compound: alpha/beta Thujone mixture

CAS Number: 76231-76-0

Route: GAVAGE

Test Type: 14-DAY

Species/Strain: Mouse/B6C3F1

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

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/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 10/20/2014

Time Report Requested: 16:52:15

First Dose M/F: NA / NA

Lab: MBA

Route: GAVAGE

Test Type: 14-DAY

Species/Strain: Mouse/B6C3F1

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)

Date Report Requested: 10/20/2014

Time Report Requested: 16:52:15

First Dose M/F: NA / NA

Lab: MBA

Test Compound: alpha/beta Thujone mixture

CAS Number: 76231-76-0

Route: GAVAGE

Test Type: 14-DAY

Species/Strain: Mouse/B6C3F1

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

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/beta Thujone mixture

Route: GAVAGE
Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

**CAS Number:** 76231-76-0

Date Report Requested: 10/20/2014 Time Report Requested: 16:52:15

First Dose M/F: NA / NA

Lab: MBA

0

0 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
- + .. 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/beta Thujone mixture

**CAS Number:** 76231-76-0

Species/Strain: Mouse/B6C3F1

**Experiment Number:** 99037-97

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/20/2014 Time Report Requested: 16:52:15

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Femal 30.0 MG/KG	DAY ON TEST  e  ANIMAL ID	0 0 1 7 0 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						

I .. Insufficient tissue

Multiple Organ

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 10/20/2014

Time Report Requested: 16:52:15

First Dose M/F: NA / NA

Lab: MBA

**Experiment Number:** 99037-97

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1 DAY ON TEST  $\theta$ **B6C3F1 Mouse Female** 

100 MG/KG		5	9 7		0		
		ANIMAL ID	0 0 0 4 5	0 0 0 4 6	0 0 0 4 7	0 0 0 4 8	*TOTALS
Alimen	tary System						
Esop	hagus		Α	+		+	2
Gallb	ladder		Α	+		+	2
Intes	tine Large, Cecum		Α	+		+	2
Intes	tine Large, Colon		Α	+		+	2
Intes	tine Large, Rectum		Α	+		+	2
Intes	tine Small, Duodenum		Α	+		+	2
Intes	tine Small, Ileum		Α	+		+	2
Intes	tine Small, Jejunum		Α	Α		+	1
Liver			Α	+		+	2
Pano	reas		Α	+		+	2
Saliv	ary Glands		Α	+		+	2
Stom	ach, Forestomach		Α	+		+	2
Stom	ach, Glandular		Α	Α		+	1
Cardio	vascular System						
Blood	d Vessel		Α	+		+	2
Hear	t		Α	+		+	2
Endoc	rine System						
Adre	nal Cortex		Α	+		+	2
Adre	nal Medulla		Α	+		+	2
Islets	s, Pancreatic		Α	+		+	2

M .. Missing tissue

A .. Autolysis precludes evaluation

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

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

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P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha/beta Thujone mixture

Test Type: 14-DAY Route: GAVAGE

Species/Strain: Mouse/B6C3F1

CAS Number: 76231-76-0

First Dose M/F: NA / NA

Date Report Requested: 10/20/2014

Time Report Requested: 16:52:15

Lab: MBA

B6C3F1 Mouse Female 100 MG/KG  Parathyroid Gland Pituitary Gland Thyroid Gland Canada Bady System	DAY ON TEST	0 0 0 5 0 0 0 4 5 A A	0 0 9 0 0 0 0 4 6 M +	0 0 1 7 0 0 0 4 7	0 0 1 0 0 0 0 4 8 M	*TOTALS 0 1 2
General Body System						
NONE Genital System						
Clitoral Gland		Α	+		М	1
Ovary		Α	+		+	2
Uterus		Α	+		+	2
Hematopoietic System						
Bone Marrow		Α	+		+	2
Lymph Node, Mandibular		Α	+		+	2
Lymph Node, Mesenteric		Α	+		+	2
Spleen		M	+		+	2
Thymus		Α	+		+	2
Integumentary System						
Mammary Gland		Α	М		+	1
Skin		Α	+			1
Musculoskeletal System						
Bone		+	+		+	3

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/beta Thujone mixture

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: GAVAGE

CAS Number: 76231-76-0

Date Report Requested: 10/20/2014 Time Report Requested: 16:52:15

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Femal 100 MG/KG  Skeletal Muscle	DAY ON TEST	0 0 0 5 0 0 0 0 4 5	0 0 9 0 0 0 0 4 6	0 0 1 7 0 0 0 4 7	0 0 1 0 0 0 0 4 8	*TOTALS
Nervous System						
Brain, Entorhinal Cortex				+		1
Brain, Hippocampus				+		1
Brain, NOS		Α	+		+	2
Brain, Piriform Cortex				+		1
Peripheral Nerve, Sciatic		Α	+	+	+	3
Peripheral Nerve, Tibial				+		1
Spinal Cord, Cervical		Α	+	+	+	3
Spinal Cord, Lumbar		Α	+	+	+	3
Respiratory System						
Larynx		Α	I		I	0
Lung		Α	+		Α	1
Nose		Α	+		+	2
Trachea		Α	+		+	2
Special Senses System						
Eye		Α	+		+	2
Harderian Gland		Α	+		+	2
Urinary System						
Kidney		Α	+		+	2
Urinary Bladder		Α	+		+	2

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

M ..Missing tissue

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X ..Lesion present

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Species/Strain: Mouse/B6C3F1

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First Dose M/F: NA / NA

Date Report Requested: 10/20/2014

Time Report Requested: 16:52:15

Lab: MBA

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

**SYSTEMIC LESIONS** 

Multiple Organ + + + + +

\*\* END OF REPORT \*\*

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