

Experiment Number: 99037-97
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 99037-97

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

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

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 tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99037-97

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

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

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
Brain, Hippocampus	+	+	+	+	4
Brain, Piriform Cortex	+	+	+	+	4
Peripheral Nerve, Sciatic	+	+	+	+	4
Peripheral Nerve, Tibial	+	+	+	+	4
Spinal Cord, Cervical	+	+	+	+	4
Spinal Cord, Lumbar	+	+	+	+	4
Respiratory System					
NONE					
Special Senses System					
NONE					
Urinary System					
NONE					
SYSTEMIC LESIONS					
Multiple Organ	+	+	+	+	4

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99037-97
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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

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 tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

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

Experiment Number: 99037-97
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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

DAY ON TEST

B6C3F1 Mouse Male
1.0 MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

0

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

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

Experiment Number: 99037-97
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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

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

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

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

Experiment Number: 99037-97
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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

DAY ON TEST

B6C3F1 Mouse Male
3.0 MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

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

Experiment Number: 99037-97
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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

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 tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

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

Experiment Number: 99037-97
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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

DAY ON TEST

B6C3F1 Mouse Male
10.0 MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

0

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

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

Experiment Number: 99037-97

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 14-DAY

Test Compound: alpha/beta Thujone mixture

Time Report Requested: 16:52:15

Route: GAVAGE

CAS Number: 76231-76-0

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

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

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99037-97

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 14-DAY

Test Compound: alpha/beta Thujone mixture

Time Report Requested: 16:52:15

Route: GAVAGE

CAS Number: 76231-76-0

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: MBA

B6C3F1 Mouse Male 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	3	
		3	4	5	6	
Brain, Hippocampus		+	+	+	+	4
Brain, Piriform Cortex		+	+	+	+	4
Peripheral Nerve, Sciatic		+	+	+	+	4
Peripheral Nerve, Tibial		+	+	+	+	4
Spinal Cord, Cervical		+	+	+	+	4
Spinal Cord, Lumbar		+	+	+	+	4
Respiratory System						
NONE						
Special Senses System						
NONE						
Urinary System						
NONE						
SYSTEMIC LESIONS						
Multiple Organ		+	+	+	+	4

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99037-97

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 14-DAY

Test Compound: alpha/beta Thujone mixture

Time Report Requested: 16:52:15

Route: GAVAGE

CAS Number: 76231-76-0

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: MBA

B6C3F1 Mouse Male 100 MG/KG	DAY ON TEST	0	0	0	0	
		0	0	0	0	
		0	0	1	0	
		8	8	7	9	
	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	+	+	+	3
Gallbladder	+	+	+	3
Intestine Large, Cecum	+	A	+	2
Intestine Large, Colon	+	+	+	3
Intestine Large, Rectum	+	+	+	3
Intestine Small, Duodenum	+	A	+	2
Intestine Small, Ileum	+	A	+	2
Intestine Small, Jejunum	+	A	A	1
Liver	+	+	+	3
Pancreas	+	+	+	3
Salivary Glands	+	+	+	3
Stomach, Forestomach	+	+	+	3
Stomach, Glandular	+	+	A	2

Cardiovascular System

Blood Vessel	+	+	+	3
Heart	+	+	+	3

Endocrine System

Adrenal Cortex	+	+	+	3
Adrenal Medulla	+	+	+	3
Islets, Pancreatic	+	+	+	3

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99037-97

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 14-DAY

Test Compound: alpha/beta Thujone mixture

Time Report Requested: 16:52:15

Route: GAVAGE

CAS Number: 76231-76-0

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: MBA

B6C3F1 Mouse Male 100 MG/KG	DAY ON TEST				ANIMAL ID				
	0	0	0	0					
	0	0	0	0	0				
	0	0	1	0	0				
	8	8	7	9	0				
	0	0	0	0	0				
	0	0	0	0	0				
	4	4	4	4	4				
	1	2	3	4	4				
									*TOTALS
Parathyroid Gland	M	+		M					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	M	M		M					0
Skin	+	+		+					3

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99037-97

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 14-DAY

Test Compound: alpha/beta Thujone mixture

Time Report Requested: 16:52:15

Route: GAVAGE

CAS Number: 76231-76-0

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: MBA

B6C3F1 Mouse Male 100 MG/KG	DAY ON TEST	0	0	0	0	
		0	0	0	0	
		0	0	1	0	
		8	8	7	9	
	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	+	+		+	3
Skeletal Muscle	+	+		+	3

Nervous System

Brain, Entorhinal Cortex				+	1
Brain, Hippocampus				+	1
Brain, NOS	+	+		+	3
Brain, Piriform Cortex				+	1
Peripheral Nerve, Sciatic	+	+	+	+	4
Peripheral Nerve, Tibial				+	1
Spinal Cord, Cervical	+	+	+	+	4
Spinal Cord, Lumbar	+	+	+	+	4

Respiratory System

Larynx	+				1
Lung	+	+		+	3
Nose	+	+		+	3
Trachea	+	+		+	3

Special Senses System

Eye	+	+		+	3
Harderian Gland	+	+		+	3

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99037-97

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

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

B6C3F1 Mouse Male
100 MG/KG

DAY ON TEST	0	0	0	0	
	0	0	0	0	
	0	0	1	0	
	8	8	7	9	
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	+	+		+	3
Urinary Bladder	+	+		I	2

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	4
----------------	---	---	---	---	---

END OF MALE DATA

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99037-97
 Test Type: 14-DAY
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

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

DAY ON TEST		0	0	0	0
B6C3F1 Mouse Female VEHICLE CONTROL		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

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99037-97
 Test Type: 14-DAY
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

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

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	
		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						
SYSTEMIC LESIONS						
Multiple Organ		+	+	+	+	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
 BLANK ..Not examined microscopically

Experiment Number: 99037-97
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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

DAY ON TEST

B6C3F1 Mouse Female
1.0 MG/KG

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

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

Experiment Number: 99037-97
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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

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

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

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

Experiment Number: 99037-97
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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

DAY ON TEST

B6C3F1 Mouse Female
3.0 MG/KG

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

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

Experiment Number: 99037-97
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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

DAY ON TEST

B6C3F1 Mouse Female
3.0 MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ 0

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

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

Experiment Number: 99037-97
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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

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 tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

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

Experiment Number: 99037-97
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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

DAY ON TEST

B6C3F1 Mouse Female
10.0 MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

0

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

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

Experiment Number: 99037-97
 Test Type: 14-DAY
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

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

DAY ON TEST		0	0	0	0
B6C3F1 Mouse Female 30.0 MG/KG		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

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99037-97

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

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

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						
SYSTEMIC LESIONS						
Multiple Organ		+	+	+	+	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

BLANK ..Not examined microscopically

Experiment Number: 99037-97

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 14-DAY

Test Compound: alpha/beta Thujone mixture

Time Report Requested: 16:52:15

Route: GAVAGE

CAS Number: 76231-76-0

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: MBA

B6C3F1 Mouse Female 100 MG/KG	DAY ON TEST	0	0	0	0	
		0	0	0	0	
		0	0	1	1	
		5	9	7	0	
	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	A	+	+	2
Gallbladder	A	+	+	2
Intestine Large, Cecum	A	+	+	2
Intestine Large, Colon	A	+	+	2
Intestine Large, Rectum	A	+	+	2
Intestine Small, Duodenum	A	+	+	2
Intestine Small, Ileum	A	+	+	2
Intestine Small, Jejunum	A	A	+	1
Liver	A	+	+	2
Pancreas	A	+	+	2
Salivary Glands	A	+	+	2
Stomach, Forestomach	A	+	+	2
Stomach, Glandular	A	A	+	1

Cardiovascular System

Blood Vessel	A	+	+	2
Heart	A	+	+	2

Endocrine System

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

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99037-97

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 14-DAY

Test Compound: alpha/beta Thujone mixture

Time Report Requested: 16:52:15

Route: GAVAGE

CAS Number: 76231-76-0

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: MBA

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

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99037-97

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/20/2014

Test Type: 14-DAY

Test Compound: alpha/beta Thujone mixture

Time Report Requested: 16:52:15

Route: GAVAGE

CAS Number: 76231-76-0

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: MBA

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

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 99037-97

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

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

B6C3F1 Mouse Female 100 MG/KG	DAY ON TEST	0	0	0	0	
		0	0	0	0	
		0	0	1	1	
		5	9	7	0	
	ANIMAL ID	0	0	0	0	
	0	0	0	0		
	0	0	0	0		
	4	4	4	4		
	5	6	7	8	*TOTALS	

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	4
----------------	---	---	---	---	---

** END OF REPORT **

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically