Test Type: 14-DAY **Route:** GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

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

First Dose M/F: NA / NA

Lab: MBA

C Number: C99021

Lock Date: 01/24/2002

Cage Range: All

Date Range: All

Reasons For Removal:

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

PWG Approval Date NONE

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

Route: GAVAGE
Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

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

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male
VEHICLE CONTROL

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

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion presentI ..Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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

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

Time Report Requested: 16:50:53
First Dose M/F: NA / NA

Date Report Requested: 10/20/2014

Lab: MBA

Species/Strain: Mouse/B6C3F1

Experiment Number: 99021-97

Test Type: 14-DAY

Route: GAVAGE

B6C3F1 Mouse Male VEHICLE CONTROL	DAY ON TEST	0 0 1 7 0 0 0 0	0 0 1 7 0 0 0 0 2	0 0 1 7 0 0 0 0 3	0 0 1 7 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

M ..Missing tissue

X ..Lesion present
I ..Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

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

^{+ ..} Tissue examined microscopically

Test Type: 14-DAY Route: GAVAGE

Species/Strain: Mouse/B6C3F1

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

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

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

B6C3F1 Mouse Male 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

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

4) Marked 2) Mild

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

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Species/Strain: Mouse/B6C3F1

DAY ON TEST

B6C3F1 Mouse Male MG/KG

ANIMAL ID

*TOTALS

Respiratory System

Test Type: 14-DAY

Route: GAVAGE

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

4) Marked

Date Report Requested: 10/20/2014

Time Report Requested: 16:50:53

First Dose M/F: NA / NA

Lab: MBA

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

^{+ ..} 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: 10/20/2014 Time Report Requested: 16:50:53

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

+ .. Tissue examined microscopically

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I ..Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

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

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

B6C3F1 Mouse Male 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

Test Type: 14-DAY **Route:** GAVAGE

Species/Strain: Mouse/B6C3F1

Test Compound: alpha-Thujone CAS Number: 546-80-5 Date Report Requested: 10/20/2014 Time Report Requested: 16:50:53

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

B6C3F1 Mouse 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

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion presentI ..Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: GAVAGE

DAY ON TEST

B6C3F1 Mouse Male 10.0 MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

X ..Lesion present

I .. Insufficient tissue

A ..Autolysis precludes evaluation BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

4) Marked

Date Report Requested: 10/20/2014

Time Report Requested: 16:50:53

First Dose M/F: NA / NA

Lab: MBA

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

^{+ ..} Tissue examined microscopically

D

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: alpha-Thujone

CAS Number: 546-80-5

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

First Dose M/F: NA / NA

Lab: MBA

Route: GAVAGE
Species/Strain: Mouse/B6C3F1

B6C3I	F1	Mouse	Male
30.0	M	G/KG	

AY ON TEST	0 0 1	0 0 1	0 0 1	0 0 1	
	7	0	0	7	
ANIMAL ID	0	0	0	0	
	0	0	0	0	
	0 3 3	0 3	0 3 5	3	
	3	4	5	6	

*TOTALS

Alimentary System

Test Type: 14-DAY

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

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion presentI ..Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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

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

Time Report Requested: 16:50:53 First Dose M/F: NA / NA

Date Report Requested: 10/20/2014

Lab: MBA

Species/Strain: Mouse/B6C3F1

Experiment Number: 99021-97

Test Type: 14-DAY

Route: GAVAGE

B6C3F1 Mouse Male 30.0 MG/KG	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7			
	ANIMAL ID	0 0 0 3 3	0 0 0 3 4	0 0 0 3 5	0 0 0 3 6	*TC	ATC	LS
Brain, Hippocampus		+	+	+	+	4		
Brain, Piriform Cortex		+	+	+	+	4		
Peripheral Nerve, Sciatic		+	+	+	+	4		
Peripheral Nerve, Tibial		+	+	+	+	4		
Spinal Cord, Cervical		+	+	+	+	4		
Spinal Cord, Lumbar		+	+	+	+	4		
Gliosis, Diffuse			1				1	1.0
Neuron, Degeneration, Foc	al		1				1	1.0

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

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

^{+ ..} Tissue examined microscopically

Test Compound: alpha-Thujone

Test Type: 14-DAY Route: GAVAGE **CAS Number:** 546-80-5 Species/Strain: Mouse/B6C3F1

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

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male 100 MG/KG	DAY ON TEST ANIMAL ID	0 0 7 0 0 0 0 0 4 1	0 0 1 7 0 0 0 4 2	0 0 4 0 0 0 0 0 4 3	0 0 1 7 0 0 0 4 4	*TOTALS
Alimentary System						
Esophagus		+		+		2
Gallbladder		Α		М		0
Intestine Large, Cecum		Α		+		1
Intestine Large, Colon		+		+		2
Intestine Large, Rectum		+		+		2
Intestine Small, Duodenum		Α		+		1
Intestine Small, Ileum		Α		+		1
Intestine Small, Jejunum		Α		+		1
Liver		+		+		2
Pancreas		+		+		2
Salivary Glands		+		+		2
Stomach, Forestomach		+		+		2
Stomach, Glandular		Α		Α		0
Cardiovascular System						
Blood Vessel		+		+		2
Heart		+		+		2
Endocrine System						
Adrenal Cortex		+		+		2
Adrenal Medulla		+		+		2
Islets, Pancreatic		+		+		2

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

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

^{+ ..}Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL Test Compound: alpha-Thujone

CAS Number: 546-80-5

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

First Dose M/F: NA / NA

Lab: MBA

Route: GAVAGE Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

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

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

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

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Compound: alpha-Thujone

Test Type: 14-DAY Route: GAVAGE **CAS Number:** 546-80-5 Species/Strain: Mouse/B6C3F1

DAY ON TEST A A A A

Lab: MBA

Date Report Requested: 10/20/2014

Time Report Requested: 16:50:53

First Dose M/F: NA / NA

B6C3	F1 Mouse Male
100	MG/KG

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

M .. Missing tissue X ..Lesion present

I .. Insufficient tissue

Harderian Gland

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

2

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

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

^{+ ..}Tissue examined microscopically

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

Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Male	DAY ON TEST	0 0 0 7	0 0 1 7	0 0 0 4	0 0 1 7	
100 MG/NG	ANIMAL ID	0 0 0 4 1	0 0 0 4 2	0 0 0 4 3	0 0 0 4 4	*T(
Urinary System						

OTALS

Kidney 2 Urinary Bladder 2

END OF MALE DATA

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

4) Marked

Date Report Requested: 10/20/2014

Time Report Requested: 16:50:53

First Dose M/F: NA / NA

Lab: MBA

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

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

First Dose M/F: NA / NA

Lab: MBA

Test Type: 14-DAY

Route: GAVAGE

CAS Number: 546-80-5

Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Female VEHICLE CONTROL

DAY ON TEST 0 0 0 0 0 *1 7* 7 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

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion presentI ..Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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

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

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

First Dose M/F: NA / NA

Lab: MBA

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: GAVAGE

Experiment Number: 99021-97

B6C3F1 Mouse Female VEHICLE CONTROL	DAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
	ANIMAL ID	0 0 0 0 5	0 0 0 0 6	0 0 0 7	00008	*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

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I ..Insufficient tissue BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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

^{+ ..} Tissue examined microscopically

Test Type: 14-DAY **Route:** GAVAGE

4-DAY Test Compound: alpha-Thujone GE CAS Number: 546-80-5

Species/Strain: Mouse/B6C3F1

Experiment Number: 99021-97

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

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion presentI ..Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

Date Report Requested: 10/20/2014

Time Report Requested: 16:50:53

First Dose M/F: NA / NA

Lab: MBA

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

Test Type: 14-DAY

Route: GAVAGE

CAS Number: 546-80-5

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

A .. Autolysis precludes evaluation

I ..Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

Date Report Requested: 10/20/2014

Time Report Requested: 16:50:53

First Dose M/F: NA / NA

Lab: MBA

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

^{+ ..} Tissue examined microscopically

M .. Missing tissue

X ..Lesion present

Test Type: 14-DAY

Route: GAVAGE

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

Species/Strain: Mouse/B6C3F1

Experiment Number: 99021-97

Lab: MBA

Date Report Requested: 10/20/2014

Time Report Requested: 16:50:53

First Dose M/F: NA / NA

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

+ .. Tissue examined microscopically

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

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

Test Type: 14-DAY Route: GAVAGE

Species/Strain: Mouse/B6C3F1

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

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

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

B6C3F1 Mouse Female MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

A .. Autolysis precludes evaluation

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

^{+ ..} Tissue examined microscopically

M .. Missing tissue

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 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

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion presentI ..Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

Date Report Requested: 10/20/2014

Time Report Requested: 16:50:53

First Dose M/F: NA / NA

Lab: MBA

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

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

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

First Dose M/F: NA / NA

Lab: MBA

DAY ON TEST

B6C3F1 Mouse Female 10.0 MG/KG

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

X ..Lesion present I .. Insufficient tissue

A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

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

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: alpha-Thujone

Route: GAVAGE Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

CAS Number: 546-80-5

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

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Femal	DAY ON TEST e	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
30.0 WG/RG	ANIMAL ID	0 0 0 3 7	00038	00039	0 0 0 4 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

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X .. Lesion present I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

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

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

Date Report Requested: 10/20/2014 Time Report Requested: 16:50:54

First Dose M/F: NA / NA

Lab: MBA

Species/Strain: Mouse/B6C3F1

Experiment Number: 99021-97

Test Type: 14-DAY

Route: GAVAGE

B6C3F1 Mouse Female 30.0 MG/KG	OAY ON TEST	0 0 1 7	0 0 1 7	0 0 1 7	0 0 1 7	
	ANIMAL ID	0 0 0 3 7	00038	00039	00040	*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

M ..Missing tissue

X ..Lesion present

I ..Insufficient tissue

A ..Autolysis precludes evaluation BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

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

^{+ ..} Tissue examined microscopically

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

Time Report Requested: 16:50:54
First Dose M/F: NA / NA

Date Report Requested: 10/20/2014

Lab: MBA

Species/Strain: Mouse/B6C3F1

Experiment Number: 99021-97

Test Type: 14-DAY

Route: GAVAGE

D00054.M	DAY ON TEST	0	0	0	0			
B6C3F1 Mouse Female	9	0	0	0	0			
100 MG/KG	ANIMAL ID	0 0 0 4 5	0 0 0 4 6	0 0 0 4 7	0 0 0 4 8	*TC	ТА	LS
Alimentary System								
Esophagus		+	+	+	+ 1	4	1	1.0
Muscularis, Necrosis, Focal Gallbladder		+	М	М	+	2	1	1.0
Intestine Large, Cecum		+	+	+	+	4		
Intestine Large, Colon		+	+	+	+	4		
Intestine Large, Rectum		+	+	+	+	4		
Intestine Small, Duodenum		+	+	Α	+	3		
Intestine Small, Ileum		+	+	Α	+	3		
Intestine Small, Jejunum		+	+	Α	+	3		
Liver		+	+	+	+	4		
Pancreas		+	+	+	+	4		
Salivary Glands		+	+	+	+	4		
Stomach, Forestomach		+	+	+	+	4		
Stomach, Glandular		Α	+	Α	Α	1		
Cardiovascular System								
Blood Vessel		+	+	М	+	3		
Heart		+	+	+	+	4		
Endocrine System								
Adrenal Cortex		+	+	+	+	4		
Adrenal Medulla		+	+	М	+	3		

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BLANK .. Not examined microscopically

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

Time Report Requested: 16:50:54

Date Report Requested: 10/20/2014

First Dose M/F: NA / NA

Lab: MBA

Experiment Number: 99021-97

Test Type: 14-DAY

Route: GAVAGE

B6C3F1 Mouse Female 100 MG/KG	AY ON TEST	0 0 9 0 0 0 0 0 4 5	0 0 6 0 0 0 0 4 6	0 0 6 0 0 0 0 0 4 7	0 0 0 6 0 0 0 0 4 8	*TC	<u>)TA</u>	<u>LS</u>
Parathyroid Gland		+	+	М	М	2		
Pituitary Gland		+	+	+	+	4		
Thyroid Gland		+	+	+	+	4		
General Body System		·	·	·	·	•		
NONE Genital System								
Clitoral Gland		+	М	М	+	2		
Ovary		+	+	+	+	4		
Uterus		+	+	+	+	4		
Hematopoietic System								
Bone Marrow		+	+	+	+	4		
Myeloid Cell, Hyperplasia					2		1	2.0
Lymph Node, Mandibular		+	+	+	+	4		
Lymph Node, Mesenteric		+	+	+	M	3		
Spleen		+	+	+	+	4		
Hematopoietic Cell Proliferation	1	2			2		2	2.0
Thymus		+	+	+	+	4		
Integumentary System								
Mammary Gland		+	+	+	+	4		
Skin		+	+	+	+	4		

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1-4 ..Lesion qualified as:

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2) Mild

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^{+ ..}Tissue examined microscopically

X ..Lesion present

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

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

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: GAVAGE

Date Report Requested: 10/20/2014 Time Report Requested: 16:50:54

First Dose M/F: NA / NA

Lab: MBA

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

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I .. Insufficient tissue

A ..Autolysis precludes evaluation BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

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

^{+ ..}Tissue examined microscopically

Test Compound: alpha-Thujone

Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

Route: GAVAGE

CAS Number: 546-80-5

Date Report Requested: 10/20/2014 Time Report Requested: 16:50:54

First Dose M/F: NA / NA

Lab: MBA

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

** END OF REPORT **

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1-4 ..Lesion qualified as:

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