P17: NEOPL

P17: 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: 11:44:59

First Dose M/F: NA / NA

Lab: MBA

Route: GAVAGE
Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/19/2014 Time Report Requested: 11:44:59

First Dose M/F: NA / NA

Lab: MBA

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

B6C3F1	Mouse	Male
VEHICL	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
A NIIMAA II 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 Sy	/stem
---------------	-------

Alimentary System						
Esophagus	+	+	+	М	+	4
Gallbladder	M	+	+	+	+	4
Intestine Large, Cecum	+	+	+	+	+	5
Intestine Large, Colon	+	+	+	+	+	5
Intestine Large, Rectum	+	+	+	+	+	5
Intestine Small, Duodenum	+	+	+	+	+	5
Intestine Small, Ileum	+	+	+	+	+	5
Intestine Small, Jejunum	+	+	+	+	+	5
Liver	+	+	+	+	+	5
Pancreas	+	+	+	+	+	5
Salivary Glands	+	+	+	+	+	5
Stomach, Forestomach	+	+	+	+	+	5
Stomach, Glandular	+	+	+	+	+	5
Cardiovascular System						
Blood Vessel	+	+	+	+	+	5
Heart	+	+	+	+	+	5
Endocrine System						
Adrenal Cortex	+	+	+	+	+	5
Adrenal Medulla	+	+	+	+	+	5
Islets, Pancreatic	+	+	+	+	+	5

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P17: 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: 11:44:59

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Male VEHICLE CONTROL Parathyroid Gland	DAY ON TEST ANIMAL ID	0 0 1 8 0 0 0 0 0 1	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 0 5	*TOTALS
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

^{* ..}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

P17: 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: 11:44:59

First Dose M/F: NA / NA

Lab: MBA

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

^{* ..}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

Experiment Number: 99021-02 P17: NEOPLAS

P17: 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:** 11:44:59

First Dose M/F: NA / NA

Lab: MBA

Route: GAVAGE
Species/Strain: Mouse/B6C3F1

Test Type: 14-DAY

B6C3F1 Mouse Male
VEHICLE CONTROL

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

*TOTALS

5

SYSTEMIC LESIONS

Multiple Organ + + + + +

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

Experiment Number: 99021-02 P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

First Dose M/F: NA / NA

Lab: MBA

Date Report Requested: 10/19/2014

Time Report Requested: 11:44:59

Species/Strain: Mouse/B6C3F1

DAY ON TEST

B6C3F1 Mouse Male 1.0 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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

P17: 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

Date Report Requested: 10/19/2014 Time Report Requested: 11:44:59

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

SYSTEMIC LESIONS

Multiple Organ 0

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

Experiment Number: 99021-02 P17: 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:** 11:44:59

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

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Test Compound: alpha-Thujone

Date Report Requested: 10/19/2014

Time Report Requested: 11:44:59

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 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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

Experiment Number: 99021-02 P17: 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: 11:44:59

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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

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

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/19/2014

Time Report Requested: 11:44:59

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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P17: 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: 11:44:59

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 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 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
Alimentary System							
Esophagus		+	+	+	+	+	5
Gallbladder		M	+	+	+	+	4
Intestine Large, Cecum		+	+	+	+	+	5
Intestine Large, Colon		+	+	+	+	+	5
Intestine Large, Rectum		+	+	+	+	+	5
Intestine Small, Duodenum		+	+	+	+	+	5
Intestine Small, Ileum		+	+	+	+	+	5
Intestine Small, Jejunum		+	+	+	+	+	5
Liver		+	+	+	+	+	5
Pancreas		+	+	+	+	+	5
Salivary Glands		+	+	+	+	+	5
Stomach, Forestomach		+	+	+	+	+	5
Stomach, Glandular		+	+	+	+	+	5
Cardiovascular System							
Blood Vessel		+	+	+	+	+	5
Heart		+	+	+	+	+	5
Endocrine System							

Adrenal Cortex

Adrenal Medulla

Islets, Pancreatic

M ..Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

5

5

5

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P17: 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: 11:44:59

First Dose M/F: NA / NA

Lab: MBA

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 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
Parathyroid Gland		M	+	+	M	+	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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 14-DAY

Route: GAVAGE

P17: 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: 11:44:59

First Dose M/F: NA / NA

Lab: MBA

Be 30

Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Male 30.0 MG/KG	DAY ON TEST	0 0 1 8	0 0 1 8	0 0 1 8	0 0 1 8	0 0 1 8	
00.0 mo/no	ANIMAL ID	0 0 0 4 1	0 0 0 4 2	0 0 0 4 3	0 0 0 4 4	0 0 0 4 5	*TOTALS_
Musculoskeletal System							
Bone		+	+	+	+	+	5
Skeletal Muscle		+	+	+	+	+	5
Nervous System							
Brain, NOS		+	+	+	+	+	5
Peripheral Nerve, Sciatic		+	+	+	+	+	5
Spinal Cord, Cervical		+	+	+	+	+	5
Spinal Cord, Lumbar		+	+	+	+	+	5
Respiratory System							
Larynx		ı	+	+	I	I	2
Lung		+	+	+	+	+	5
Nose		+	+	+	+	+	5
Trachea		+	+	+	+	+	5
Special Senses System							
Eye		+	+	+	+	+	5
Harderian Gland		+	+	+	+	+	5
Urinary System							

Kidney

Urinary Bladder

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

5 5

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P17: 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: 11:44:59 First Dose M/F: NA / NA

Date Report Requested: 10/19/2014

Lab: MBA

B6C3F1 Mouse Male 30.0 MG/KG

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

*TOTALS

5

SYSTEMIC LESIONS

Multiple Organ

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

P17: 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: 11:44:59

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

M ..Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

5

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P17: 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: 11:44:59

First Dose M/F: NA / NA

Lab: MBA

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

^{* ..}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

P17: 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: 11:44:59

Lab: MBA

B6C3F1 Mouse Male 100 MG/KG	DAY ON TEST	0 0 1 5 0 0 0 5 5	0 0 1 8 0 0 0 5 2	0 0 0 4 0 0 0 0 5	0 0 4 0 0 0 0 0 5 3	0 0 8 0 0 0 0 5 4	*TOTALS
Musculoskeletal System							
Bone		+	+	+	+	+	5
Skeletal Muscle		+	+	+	+	+	5
Nervous System							
Brain, NOS		+	+	+	+	+	5
Peripheral Nerve, Sciatic		+	+	+	+	+	5
Spinal Cord, Cervical		+	+	+	+	+	5
Spinal Cord, Lumbar		+	+	+	+	+	5
Respiratory System							
Larynx		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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 99021-02 P17: NEOPLASMS BY IN

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/19/2014 Time Report Requested: 11:44:59

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 Male 100 MG/KG

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

*TOTALS

SYSTEMIC LESIONS

Multiple Organ

+ + + + +

END OF MALE DATA

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

P17: 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: 11:44:59

First Dose M/F: NA / NA

Lab: MBA

Route: GAVAGE Species/Strain: Mouse/B6C3F1

Experiment Number: 99021-02

Test Type: 14-DAY

	DAY ON TEST	0	0	0	0	0	
B6C3F1 Mouse Female	•	0 1	0 1	0 1	0 1	0 1	
VEHICLE CONTROL		8	8	8	8	8	
	ANIMAL ID	0	0	0	0	0	
		0	0	0	0	0	
		0 6	0 7	0 8	9	1	*TOTALS
Alimentary System							
Esophagus		+	+	+	+	+	5
Gallbladder		+	М	+	+	М	3
Intestine Large, Cecum		+	+	+	+	+	5
Intestine Large, Colon		+	+	+	+	+	5
Intestine Large, Rectum		+	+	+	+	+	5
Intestine Small, Duodenum		+	+	+	+	+	5
Intestine Small, Ileum		+	+	+	+	+	5
Intestine Small, Jejunum		+	+	+	+	+	5
Liver		+	+	+	+	+	5
Pancreas		+	+	+	+	+	5
Salivary Glands		+	+	+	+	+	5
Stomach, Forestomach		+	+	+	+	+	5
Stomach, Glandular		+	+	+	+	+	5
Cardiovascular System							
Blood Vessel		+	+	+	+	+	5
Heart		+	+	+	+	+	5
Endocrine System							
Adrenal Cortex		+	+	+	+	+	5
Adrenal Medulla		+	+	+	+	+	5
Islets, Pancreatic		+	+	+	+	+	5

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Test Type: 14-DAY

P17: 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:** 11:44:59

First Dose M/F: NA / NA

Lab: MBA

Route: GAVAGE
Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Female VEHICLE CONTROL	DAY ON TEST e 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 Hematopoietic System		+	+	+	+	+	5
-							_
Bone Marrow		+	+	+	+	+	5
Lymph Node, Mandibular		+	+	+	+	+	5
Lymph Node, Mesenteric		+	+	+	+	+	5
Spleen		+	+	+	+	+	5 5
Thymus Integumentary System		+	+	+	+	+	5
Mammary Gland		+	+	+	+	М	4
Skin		+	+	+	+	+	5
Musculoskeletal System		-	-	-	-	-	· ·
Bone		+	+	+	+	+	5

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P17: 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:** 11:44:59

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Female VEHICLE CONTROL	DAY ON TEST e 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
Skeletal Muscle		+	+	+	+	+	5
Nervous System							
Brain, NOS		+	+	+	+	+	5
Peripheral Nerve, Sciatic		+	+	+	+	+	5
Spinal Cord, Cervical		+	+	+	+	+	5
Spinal Cord, Lumbar		+	+	+	+	+	5
Respiratory System							
Larynx		+	+	1	+	1	3
Lung		+	+	+	+	+	5
Nose		+	+	+	+	+	5
Trachea		+	+	+	+	+	5
Special Senses System							
Eye		+	+	+	+	+	5
Harderian Gland		+	+	+	+	+	5
Urinary System							
Kidney		+	+	+	+	+	5
Urinary Bladder SYSTEMIC LESIONS		+	+	+	+	+	5
Multiple Organ		+	+	+	+	+	5

 $^{^{\}star}\,$..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

Experiment Number: 99021-02 P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:00

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

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Test Compound: alpha-Thujone

Date Report Requested: 10/19/2014

Time Report Requested: 11:45:00

First Dose M/F: NA / NA

Lab: MBA

Route: GAVAGE

CAS Number: 546-80-5

Noute. GAVAGE

Species/Strain: Mouse/B6C3F1

DAY ON TEST

B6C3F1 Mouse Female 1.0 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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

Experiment Number: 99021-02 P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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:** 11:45:00

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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X .. Lesion present

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Test Compound: alpha-Thujone

Date Report Requested: 10/19/2014

Time Report Requested: 11:45:00

First Dose M/F: NA / NA

Lab: MBA

Route: GAVAGE

CAS Number: 546-80-5

Route: GAVAGE

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

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

Experiment Number: 99021-02 P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Route: GAVAGE

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

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

Date Report Requested: 10/19/2014

Time Report Requested: 11:45:00

First Dose M/F: NA / NA

Lab: MBA

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

^{+ ..} Tissue examined microscopically

P17: 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

First Dose M/F: NA / NA

Date Report Requested: 10/19/2014

Time Report Requested: 11:45:00

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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

X ..Lesion present

Experiment Number: 99021-02 P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Time Report Requested: 11:45:00 First Dose M/F: NA / NA

Date Report Requested: 10/19/2014

Lab: MBA

Species/Strain: Mouse/B6C3F1

DAY ON TEST

B6C3F1 Mouse Female 30.0 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

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Type: 14-DAY

Test Compound: alpha-Thujone

Date Report Requested: 10/19/2014

Time Report Requested: 11:45:00

First Dose M/F: NA / NA

Lab: MBA

Route: GAVAGE

CAS Number: 546-80-5

Noute. GAVAGE

Species/Strain: Mouse/B6C3F1

DAY ON TEST

B6C3F1 Mouse Female 30.0 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

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..} Tissue examined microscopically

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Time Report Requested: 11:45:00

Date Report Requested: 10/19/2014

First Dose M/F: NA / NA

Lab: MBA

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

	DAY ON TEST	0	0	0	0	0	
B6C3F1 Mouse Female	•	0	0	0	0	0	
100 MG/KG		1	1	1	4	8	
	ANIMAL ID	0	0	0	0	0	
	7 11 1111111 12 12	0	0	0	0	0	
		5	5 7	5	5	6	*TOTALS
Alimentary System		6	1	8	9	0	IOTALS
Faceboous							_
Esophagus Gallbladder		+	+	+	+ A	+	5 4
		+ A	+ A	+ A	A	+ A	0
Intestine Large, Cecum Intestine Large, Colon		A	A	A	A	A	0
Intestine Large, Rectum		+	+	+	+	+	5
Intestine Small, Duodenum		A	A	A	A	A	0
Intestine Small, Ileum		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

Experiment Number: 99021-02

M .. Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

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P17: 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: 11:45:00

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Female 100 MG/KG	DAY ON TEST e 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		М	М	М	М	М	0
Pituitary Gland		+	+	+	+	I	4
Thyroid Gland		+	+	+	+	+	5
General Body System							
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

^{* ..}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

P17: 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: 11:45:00

First Dose M/F: NA / NA

Lab: MBA

B6C3F1 Mouse Female 100 MG/KG	DAY ON TEST	0 0 1	0 0 0 1 0 0 0 0 0 5	0 0 0 1 0 0 0 0 0 5	0 0 0 4 0 0 0	0 0 8 0 0 0 0	
		6	7	8	5 9	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		+	+	M	+	+	4
SYSTEMIC LESIONS		•	•		•	•	·
Multiple Organ		+	+	+	+	+	5
		•	•	•	•	•	** END OF REPORT **

M ..Missing tissue

A .. Autolysis precludes evaluation

^{* ..}Total animals with tissue examined microscopically; Total animals with tumor

^{+ ..}Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue