P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: alpha-Thujone
CAS Number: 546-80-5

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:16 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:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:16 First Dose M/F: NA / NA Lab: MBA

B6C3F1 Mouse Male VEHICLE CONTROL	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 3	0 0 1 8 0 0 0 0 4	0 0 1 8 0 0 0 0 5	*TOTALS
Alimentary System							
Esophagus		+	+	+	М	+	4
Gallbladder		М	+	+	+	+	4
Intestine Large, Cecum		+	+	+	+	+	5
Intestine Large, Colon		+	+	+	+	+	5
Intestine Large, Rectum		+	+	+	+	+	5
Intestine Small, Duodenum		+	+	+	+	+	5
Intestine Small, Ileum		+	+	+	+	+	5
Intestine Small, Jejunum		+	+	+	+	+	5
Liver		+	+	+	+	+	5
Pancreas		+	+	+	+	+	5
Salivary Glands		+	+	+	+	+	5
Stomach, Forestomach		+	+	+	+	+	5
Stomach, Glandular		+	+	+	+	+	5
Cardiovascular System							
Blood Vessel		+	+	+	+	+	5
Heart		+	+	+	+	+	5
Endocrine System							
Adrenal Cortex		+	+	+	+	+	5
Adrenal Medulla		+	+	+	+	+	5
Islets, Pancreatic		+	+	+	+	+	5

* ..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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: alpha-Thujone

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Date Report Requested: 10/19/2014 Time Report Requested: 11:45:16 First Dose M/F: NA / NA Lab: MBA

B6C3F1 Mouse Male VEHICLE CONTROL	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 3	0 0 1 8 0 0 0 0 4	0 0 1 8 0 0 0 0 5	*TOTALS
Parathyroid Gland		+	+	+	+	+	5
Pituitary Gland		+	+	+	+	+	5
Thyroid Gland		+	+	+	+	+	5
General Body System							
NONE							
Genital System							
Epididymis		+	+	+	+	+	5
Preputial Gland		+	+	+	+	+	5
Prostate		+	+	+	+	+	5
Seminal Vesicle		+	+	+	+	+	5
Testes		+	+	+	+	+	5
Hematopoietic System							
Bone Marrow		+	+	+	+	+	5
Lymph Node, Mandibular		+	+	+	+	+	5
Lymph Node, Mesenteric		+	+	+	+	+	5
Spleen		+	+	+	+	+	5
Thymus		+	+	+	+	+	5
Integumentary System							
Mammary Gland		М	М	+	М	М	1
Skin		+	+	+	+	+	5

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

+ ..Tissue examined microscopically

X ..Lesion present

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P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:16 First Dose M/F: NA / NA Lab: MBA

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: alpha-Thujone CAS Number: 546-80-5 Date Report Requested: 10/19/2014 Time Report Requested: 11:45:16 First Dose M/F: NA / NA Lab: MBA

B6C3F1 Mouse Male VEHICLE CONTROL	DAY ON TEST	0 0 1 8	0 0 1 8	0 0 1 8	0 0 1 8	0 0 1 8	
	ANIMAL ID	0 0 0 1	0 0 0 0 2	0 0 0 0 3	0 0 0 0 4	0 0 0 0 5	*TOTALS
SYSTEMIC LESIONS			•			•	

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 99021-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

DAY ON TEST

B6C3F1 Mouse Male 1.0 MG/KG

*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

Experiment Number: 99021-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: alpha-Thujone
CAS Number: 546-80-5

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

Experiment Number: 99021-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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

Experiment Number: 99021-02
Test Type: 14-DAY
Route: GAVAGE
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

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

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

Experiment Number: 99021-02		P04: NEOPLASMS BY INDIVIDUAL ANIMAL	Date Report Requested: 10/19/2014
Test Type: 14-DAY		Test Compound: alpha-Thujone	Time Report Requested: 11:45:16
Route: GAVAGE		CAS Number: 546-80-5	First Dose M/F: NA / NA
Species/Strain: Mouse/B6C3F1			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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:16 First Dose M/F: NA / NA Lab: MBA

B6C3F1 Mouse Male 30.0 MG/KG	DAY ON TEST ANIMAL ID	0 0 1 8 0 0 0 4 1	0 0 1 8 0 0 0 4 2	0 0 1 8 0 0 0 4 3	0 0 1 8 0 0 0 4 4 4	0 0 1 8 0 0 0 4 5	*TOTALS
Alimentary System							
Esophagus		+	+	+	+	+	5
Gallbladder		М	+	+	+	+	4
Intestine Large, Cecum		+	+	+	+	+	5
Intestine Large, Colon		+	+	+	+	+	5
Intestine Large, Rectum		+	+	+	+	+	5
Intestine Small, Duodenum		+	+	+	+	+	5
Intestine Small, Ileum		+	+	+	+	+	5
Intestine Small, Jejunum		+	+	+	+	+	5
Liver		+	+	+	+	+	5
Pancreas		+	+	+	+	+	5
Salivary Glands		+	+	+	+	+	5
Stomach, Forestomach		+	+	+	+	+	5
Stomach, Glandular		+	+	+	+	+	5
Cardiovascular System							
Blood Vessel		+	+	+	+	+	5
Heart		+	+	+	+	+	5
Endocrine System							
Adrenal Cortex		+	+	+	+	+	5
Adrenal Medulla		+	+	+	+	+	5
Islets, Pancreatic		+	+	+	+	+	5

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

Species/Strain: Mouse/B6C3F1

B6C3F1 Mouse Male 30.0 MG/KG Parathyroid Gland Pituitary Gland	DAY ON TEST ANIMAL ID	0 0 1 8 0 0 0 4 1 M	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 4 M	0 0 1 8 0 0 0 0 4 5 + +	*TOTALS 3 5
•		+	+	+	+		
Thyroid Gland General Body System		+	+	+	+	+	5
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

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

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:16 First Dose M/F: NA / NA Lab: MBA

M .. Missing tissue

A .. Autolysis precludes evaluation

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:16 First Dose M/F: NA / NA Lab: MBA

B6C3F1 Mouse Male 30.0 MG/KG	DAY ON TEST ANIMAL ID	0 0 1 8 0 0 0 4 1	0 0 1 8 0 0 0 4 2	0 0 1 8 0 0 0 4 3	0 0 1 8 0 0 0 4 4 4	0 0 1 8 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		Ι	+	+	Ι	Ι	2
Lung		+	+	+	+	+	5
Nose		+	+	+	+	+	5
Trachea		+	+	+	+	+	5
Special Senses System							
Eye		+	+	+	+	+	5
Harderian Gland		+	+	+	+	+	5
Urinary System							
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 BLANK ..Not examined microscopically

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: alpha-Thujone CAS Number: 546-80-5 Date Report Requested: 10/19/2014 Time Report Requested: 11:45:16 First Dose M/F: NA / NA Lab: MBA

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	
	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
SYSTEMIC LESIONS							

Multiple Organ	+	+	+	+	+		5
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* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: alpha-Thujone CAS Number: 546-80-5 Date Report Requested: 10/19/2014 Time Report Requested: 11:45:16 First Dose M/F: NA / NA Lab: MBA

B6C3F1 Mouse Male 100 MG/KG	DAY ON TEST ANIMAL ID	0 0 4 0 0 0 5 1	0 0 1 8 0 0 0 5 2	0 0 4 0 0 0 5 3	0 0 8 0 0 0 5 4	0 0 1 5 0 0 0 5 5	*TOTALS
Esophagus				+		+	5
Gallbladder		+ +	+ +	++	++	+ A	5
Intestine Large, Cecum		A	+	Ă	A	A	- 1
Intestine Large, Colon		A	+	A	+	A	2
Intestine Large, Rectum		A	+	A	+	A	2
Intestine Small, Duodenum		A	+	A	A	A	- 1
Intestine Small, Ileum		А	+	А	А	А	1
Intestine Small, Jejunum		А	+	А	А	А	1
Liver		+	+	+	+	+	5
Pancreas		+	+	+	+	+	5
Salivary Glands		+	+	+	+	+	5
Stomach, Forestomach		+	+	+	+	+	5
Stomach, Glandular		+	+	+	+	+	5
Cardiovascular System							
Blood Vessel		+	+	+	+	+	5
Heart		+	+	+	+	+	5
Endocrine System							
Adrenal Cortex		+	+	+	+	+	5
Adrenal Medulla		+	+	+	+	+	5
Islets, Pancreatic		+	+	+	+	+	5

* ..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 Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

DAY ON TEST 0 0 0 0 0 0 0 0 0 0 **B6C3F1 Mouse Male** 0 0 1 5 1 0 4 8 8 MG/KG 4 100 0 0 0 0 0 0 0 0 5 2 ANIMAL ID Õ 0 0 0 0 5 1 0 0 5 3 5 5 5 ***TOTALS** 4 Parathyroid Gland Μ Μ Μ Μ 1 + **Pituitary Gland** 5 + + + + 5 Thyroid Gland + **General Body System** NONE **Genital System** Epididymis 5 5 **Preputial Gland** 5 Prostate + 5 Seminal Vesicle + 5 Testes + Hematopoietic System **Bone Marrow** 5 + 4 Lymph Node, Mandibular Μ 5 Lymph Node, Mesenteric + + 5 Spleen + Thymus 5 + + + Integumentary System Mammary Gland Μ Μ Μ M 0 М 5 Skin + + +

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:16 First Dose M/F: NA / NA Lab: MBA

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:17 First Dose M/F: NA / NA Lab: MBA

DAY ON TEST ANIMAL ID	0 0 4 0 0 0 5 1	0 0 1 8 0 0 0 5 2	0 0 4 0 0 5 3	0 0 8 0 0 0 5 4	0 0 1 5 0 0 0 5 5	*TOTALS
	+	+	+	+	+	5
	+	+	+	+	+	5
	+	+	+	+	+	5
	+	+	+	+	+	5
	+	+	+	+	+	5
	+	+	+	+	+	5
	I	I	+	I	I	1
	+	+	+	+	+	5
						5 5
	т	т	т	т	т	5
						5
						5
	•		•		•	5
	+	+	+	+	+	5
	+	+	+	+	+	5
		ANIMAL ID 0 4 0 0 0 5 1 + + + + + + + + + + + + +	ANIMAL ID ANIMAL ID 0 0 0 1 4 8 0 0 0 0 0 0 0 0 0 5 5 1 2 + + + + + + + + + + + + + +	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ANIMAL ID \begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 \\ 4 & 8 & 4 & 8 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 &$	0 0 0 0 0 1 4 8 4 8 5 0 1 2 3 4 5 1 2 3 4 5 1 2 3 4 5 1

* ..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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: alpha-Thujone CAS Number: 546-80-5 Date Report Requested: 10/19/2014 Time Report Requested: 11:45:17 First Dose M/F: NA / NA Lab: MBA

B6C3F1 Mouse Male 100 MG/KG	DAY ON TEST	0 0 0 4	0 0 1 8	0 0 0 4	0 0 0 8	0 0 1 5	
100 MG/KG	ANIMAL ID	0 0 5 1	0 0 5 2	0 0 5 3	0 0 5 4	0 0 0 5 5	*TOTALS
SYSTEMIC LESIONS				•	•		

+ + + + +

Multiple Organ

5 ***END OF MALE DATA***

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:17 First Dose M/F: NA / NA Lab: MBA

	DAY ON TEST	0	0	0	0	0	
B6C3F1 Mouse Femal	е	0 1	0 1	0 1	0	0	
VEHICLE CONTROL		8	8	8	8	8	
	ANIMAL ID	0	0	0	0	0	
	,	0 0	0	0	0	0	
		0 6	0	Ő	Ő	1	*TOTALS
Alimentary System		0	1	8	9	0	TOTALS
Annentary Oystem							
Esophagus		+	+	+	+	+	5
Gallbladder		+	Μ	+	+	Μ	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

* ..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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:17 First Dose M/F: NA / NA Lab: MBA

B6C3F1 Mouse Femal 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 7	0 0 1 8 0 0 0 0 0 8	0 0 1 8 0 0 0 0 0 9	0 0 1 8 0 0 0 0 1 0	*TOTALS
Parathyroid Gland		+	+	+	+	+	5
Pituitary Gland		+	+	Ι	+	Ι	3
Thyroid Gland		+	+	+	+	+	5
General Body System							
NONE Genital System							
Clitoral Gland		М	+	+	+	М	3
Ovary		+	+	+	+	+	5
Uterus		+	+	+	+	+	5
Hematopoietic System							
Bone Marrow		+	+	+	+	+	5
Lymph Node, Mandibular		+	+	+	+	+	5
Lymph Node, Mesenteric		+	+	+	+	+	5
Spleen		+	+	+	+	+	5
Thymus		+	+	+	+	+	5
Integumentary System							
Mammary Gland		+	+	+	+	М	4
Skin		+	+	+	+	+	5
Musculoskeletal System							
Bone		+	+	+	+	+	5

* ..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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:17 First Dose M/F: NA / NA Lab: MBA

D B6C3F1 Mouse Female VEHICLE CONTROL Skeletal Muscle Nervous System	AY ON TEST	0 0 1 8 0 0 0 0 6 +	0 0 1 8 0 0 0 0 7 +	0 0 1 8 0 0 0 0 8 +	0 0 1 8 0 0 0 0 9 +	0 0 1 8 0 0 0 1 0 +	*TOTALS 5
Nervous System							
Brain, NOS		+	+	+	+	+	5
Peripheral Nerve, Sciatic		+	+	+	+	+	5
Spinal Cord, Cervical		+	+	+	+	+	5
Spinal Cord, Lumbar		+	+	+	+	+	5
Respiratory System							
Larynx		+	+	Ι	+	Ι	3
Lung		+	+	+	+	+	5
Nose		+	+	+	+	+	5
Trachea		+	+	+	+	+	5
Special Senses System							
Eye		+	+	+	+	+	5
Harderian Gland		+	+	+	+	+	5
Urinary System							
Kidney		+	+	+	+	+	5
Urinary Bladder		+	+	+	+	+	5
SYSTEMIC LESIONS							
Multiple Organ		+	+	+	+	+	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				
Test Type: 14-DAY				
Route: GAVAGE				
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

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 99021-02
Test Type: 14-DAY
Route: GAVAGE
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

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

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 99021-02				
Test Type: 14-DAY				
Route: GAVAGE				
Species/Strain: Mouse/B6C3F1				

DAY ON TEST

B6C3F1 Mouse Female 3.0 MG/KG

A	NIN	/AL	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

Experiment Number: 99021-02
Test Type: 14-DAY
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

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

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 99021-02
Test Type: 14-DAY
Route: GAVAGE
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

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 99021-02
Test Type: 14-DAY
Route: GAVAGE
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

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

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 99021-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

DAY ON TEST

B6C3F1 Mouse Female 30.0 MG/KG

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE Hematopoietic System

NONE Integumentary System

NONE

Musculoskeletal System

NONE

Nervous System

NONE

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

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 99021-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

DAY ON TEST

B6C3F1 Mouse Female 30.0 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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:17 First Dose M/F: NA / NA Lab: MBA

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

* .. 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

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/19/2014 Time Report Requested: 11:45:17 First Dose M/F: NA / NA Lab: MBA

Experiment Number: 99021-02 Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

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

* .. 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 Date Report Requested: 10/19/2014 Time Report Requested: 11:45:17 First Dose M/F: NA / NA Lab: MBA

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Test Compound: alpha-Thujone

CAS Number: 546-80-5