

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

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

| | |
|-----------------------------|------------|
| 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 |

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CAS Number: 546-80-5

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: MBA

| | | | | | | | |
|--|-------------|---|---|---|---|---|---------|
| B6C3F1 Mouse Male VEHICLE CONTROL | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | *TOTALS |
| | | 0 | 0 | 0 | 0 | 0 | |
| | | 1 | 1 | 1 | 1 | 1 | |
| | | 8 | 8 | 8 | 8 | 8 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | | |
| | 1 | 2 | 3 | 4 | 5 | | |

Alimentary System

| | | | | | | |
|---------------------------|---|---|---|---|---|---|
| Esophagus | + | + | + | M | + | 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 |

* ..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

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P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

Date Report Requested: 10/19/2014
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 First Dose M/F: NA / NA
 Lab: MBA

**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 | |
| | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 2 | 3 | 4 | 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 | M | M | + | M | M | 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
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Date Report Requested: 10/19/2014

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Time Report Requested: 11:44:59

Route: GAVAGE

CAS Number: 546-80-5

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: MBA

| | | | | | | | |
|--|-------------|---|---|---|---|----------------|--|
| 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 | |
| | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | | |
| | 1 | 2 | 3 | 4 | 5 | *TOTALS | |

Musculoskeletal System

| | | | | | | |
|-----------------|---|---|---|---|---|---|
| Bone | + | + | I | + | + | 4 |
| Skeletal Muscle | + | + | + | + | + | 5 |

Nervous System

| | | | | | | |
|---------------------------|---|---|---|---|---|---|
| Brain, NOS | + | + | + | + | + | 5 |
| Peripheral Nerve, Sciatic | + | + | + | I | + | 4 |
| Spinal Cord, Cervical | + | + | + | + | + | 5 |
| Spinal Cord, Lumbar | + | + | + | + | + | 5 |

Respiratory System

| | | | | | | |
|---------|---|---|---|---|---|---|
| Larynx | I | I | I | I | I | 0 |
| Lung | + | + | + | + | + | 5 |
| Nose | + | + | + | + | + | 5 |
| Trachea | + | + | + | + | + | 5 |

Special Senses System

| | | | | | | |
|-----------------|---|---|---|---|---|---|
| Eye | + | + | + | + | + | 5 |
| Harderian Gland | + | + | + | + | + | 5 |
| Zymbal's Gland | | | | | + | 1 |

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
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Time Report Requested: 11:44:59

First Dose M/F: NA / NA

Lab: MBA

**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 | |
| | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 2 | 3 | 4 | 5 | *TOTALS |

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
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Species/Strain: Mouse/B6C3F1

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

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

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Species/Strain: Mouse/B6C3F1

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: alpha-Thujone
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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

* ..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

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Species/Strain: Mouse/B6C3F1

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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

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
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Species/Strain: Mouse/B6C3F1

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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

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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

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: 99021-02

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Date Report Requested: 10/19/2014

Test Type: 14-DAY

Test Compound: alpha-Thujone

Time Report Requested: 11:44:59

Route: GAVAGE

CAS Number: 546-80-5

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 | 0 | 0 |
| | | 1 | 1 | 1 | 1 | 1 |
| | | 8 | 8 | 8 | 8 | 8 |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | |
| | 4 | 4 | 4 | 4 | 4 | |
| | 1 | 2 | 3 | 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 | + | + | + | + | + | 5 |
| Adrenal Medulla | + | + | + | + | + | 5 |
| Islets, Pancreatic | + | + | + | + | + | 5 |

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

+ ..Tissue examined microscopically

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Test Compound: alpha-Thujone

Time Report Requested: 11:44:59

Route: GAVAGE

CAS Number: 546-80-5

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: MBA

| B6C3F1 Mouse Male 30.0 MG/KG | DAY ON TEST | | | | | ANIMAL ID | | | | | |
|---------------------------------|-------------|---|---|---|---|-----------|--|--|--|--|---------|
| | 0 | 0 | 0 | 0 | 0 | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| | 1 | 1 | 1 | 1 | 1 | 0 | | | | | |
| | 8 | 8 | 8 | 8 | 8 | 0 | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| | 4 | 4 | 4 | 4 | 4 | 4 | | | | | |
| | 1 | 2 | 3 | 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 | M | M | M | M | M | | | | | | 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
BLANK ..Not examined microscopically

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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

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 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 |
| | 4 | 4 | 4 | 4 | 4 |
| | 1 | 2 | 3 | 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 | I | + | + | I | I | 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

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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
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 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | |
| | 4 | 4 | 4 | 4 | 4 | |
| | 1 | 2 | 3 | 4 | 5 | *TOTALS |

SYSTEMIC LESIONS

| | | | | | | |
|----------------|---|---|---|---|---|---|
| Multiple Organ | + | + | + | + | + | 5 |
|----------------|---|---|---|---|---|---|

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
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Test Compound: alpha-Thujone

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Route: GAVAGE

CAS Number: 546-80-5

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

Alimentary System

| | | | | | | |
|---------------------------|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | 5 |
| Gallbladder | A | + | + | + | + | 4 |
| Intestine Large, Cecum | A | + | A | 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 | A | + | A | A | A | 1 |
| Intestine Small, Jejunum | A | + | A | A | A | 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

BLANK ..Not examined microscopically

Experiment Number: 99021-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/19/2014

Test Type: 14-DAY

Test Compound: alpha-Thujone

Time Report Requested: 11:44:59

Route: GAVAGE

CAS Number: 546-80-5

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: MBA

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

BLANK ..Not examined microscopically

Experiment Number: 99021-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/19/2014

Test Type: 14-DAY

Test Compound: alpha-Thujone

Time Report Requested: 11:44:59

Route: GAVAGE

CAS Number: 546-80-5

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

* ..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: 99021-02
 Test Type: 14-DAY
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

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

B6C3F1 Mouse Male
100 MG/KG

| | | | | | | |
|-------------|---|---|---|---|---|---------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 0 | 0 | 0 | |
| | 5 | 8 | 4 | 4 | 8 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | |
| | 5 | 5 | 5 | 5 | 5 | |
| | 5 | 2 | 1 | 3 | 4 | *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

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

Experiment Number: 99021-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/19/2014

Test Type: 14-DAY

Test Compound: alpha-Thujone

Time Report Requested: 11:44:59

Route: GAVAGE

CAS Number: 546-80-5

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: MBA

| | | | | | | | |
|----------------------------|-------------|---|---|---|---|---|----------------|
| | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | |
| B6C3F1 Mouse Female | | 0 | 0 | 0 | 0 | 0 | |
| | | 1 | 1 | 1 | 1 | 1 | |
| | | 8 | 8 | 8 | 8 | 8 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 1 | |
| | | 6 | 7 | 8 | 9 | 0 | *TOTALS |

Alimentary System

| | | | | | | |
|---------------------------|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | 5 |
| Gallbladder | + | M | + | + | M | 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

BLANK ..Not examined microscopically

Experiment Number: 99021-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/19/2014

Test Type: 14-DAY

Test Compound: alpha-Thujone

Time Report Requested: 11:44:59

Route: GAVAGE

CAS Number: 546-80-5

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: MBA

| B6C3F1 Mouse Female VEHICLE CONTROL | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|--|-------------|---|---|---|---|---|---------|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | |
| | | 1 | 1 | 1 | 1 | 1 | |
| | | 8 | 8 | 8 | 8 | 8 | |
| | | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 1 | |
| | | 6 | 7 | 8 | 9 | 0 | |
| Parathyroid Gland | | + | + | + | + | + | 5 |
| Pituitary Gland | | + | + | I | + | I | 3 |
| Thyroid Gland | | + | + | + | + | + | 5 |
| General Body System | | | | | | | |
| NONE | | | | | | | |
| Genital System | | | | | | | |
| Clitoral Gland | | M | + | + | + | M | 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 | | + | + | + | + | M | 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
BLANK ..Not examined microscopically

Experiment Number: 99021-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/19/2014

Test Type: 14-DAY

Test Compound: alpha-Thujone

Time Report Requested: 11:44:59

Route: GAVAGE

CAS Number: 546-80-5

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: MBA

| B6C3F1 Mouse Female VEHICLE CONTROL | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|--|-------------|---|---|---|---|---|---------|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | |
| | | 1 | 1 | 1 | 1 | 1 | |
| | | 8 | 8 | 8 | 8 | 8 | |
| | | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 1 | |
| | | 6 | 7 | 8 | 9 | 0 | |
| 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 | 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
BLANK ..Not examined microscopically

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

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: 11:45:00
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

* ..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: 99021-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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: 11:45:00
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: 99021-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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: 11:45:00
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

* ..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: 99021-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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: 11:45:00
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: 99021-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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: 11:45:00
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: 99021-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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: 11:45:00
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: 99021-02
Test Type: 14-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

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: 11:45:00
First Dose M/F: NA / NA
Lab: MBA

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

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

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

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: 11:45:00
First Dose M/F: NA / NA
Lab: MBA

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

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

Experiment Number: 99021-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/19/2014

Test Type: 14-DAY

Test Compound: alpha-Thujone

Time Report Requested: 11:45:00

Route: GAVAGE

CAS Number: 546-80-5

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 |
| | | 0 | 0 | 0 | 0 | 0 |
| | | 1 | 1 | 1 | 4 | 8 |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | |
| | 5 | 5 | 5 | 5 | 6 | |
| | 6 | 7 | 8 | 9 | 0 | |
| | *TOTALS | | | | | |

Alimentary System

| | | | | | | |
|---------------------------|---|---|---|---|---|---|
| Esophagus | + | + | + | + | + | 5 |
| Gallbladder | + | + | + | A | + | 4 |
| Intestine Large, Cecum | A | A | A | A | A | 0 |
| 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 | A | A | A | A | A | 0 |
| Intestine Small, Jejunum | A | A | A | A | A | 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

BLANK ..Not examined microscopically

Experiment Number: 99021-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/19/2014

Test Type: 14-DAY

Test Compound: alpha-Thujone

Time Report Requested: 11:45:00

Route: GAVAGE

CAS Number: 546-80-5

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: MBA

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

BLANK ..Not examined microscopically

Experiment Number: 99021-02

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/19/2014

Test Type: 14-DAY

Test Compound: alpha-Thujone

Time Report Requested: 11:45:00

Route: GAVAGE

CAS Number: 546-80-5

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: MBA

| B6C3F1 Mouse Female 100 MG/KG | DAY ON TEST | | | | | ANIMAL ID | *TOTALS |
|----------------------------------|-------------|---|---|---|---|-----------|---------|
| | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 4 | 8 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 5 | 5 | 5 | 5 | 6 | 6 | |
| | 6 | 7 | 8 | 9 | 9 | 0 | |
| Skeletal Muscle | + | + | + | + | + | | 5 |
| Nervous System | | | | | | | |
| Brain, NOS | + | + | + | + | + | | 5 |
| Peripheral Nerve, Sciatic | M | + | + | + | + | | 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 | + | + | M | + | + | | 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