

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

<b>C Number:</b>	C99021
<b>Lock Date:</b>	01/24/2002
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

**Experiment Number:** 99021-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** alpha-Thujone

**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 11:44:31

**First Dose M/F:** NA / NA

**Lab:** MBA

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<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB440M-1

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain, NOS	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Peripheral Nerve, Sciatic	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spinal Cord, Cervical	* Spinal Cord, Lumbar
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**MISSING**

* Gallbladder	* Mammary Gland
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**INSUFFICIENT TISSUE**

* Larynx
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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 99021-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** alpha-Thujone

**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 11:44:31

**First Dose M/F:** NA / NA

**Lab:** MBA

**ANIMAL ID:** 2

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB440M-2

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain, NOS	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Peripheral Nerve, Sciatic
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skeletal Muscle	* Skin	* Spinal Cord, Cervical
* Spinal Cord, Lumbar	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**INSUFFICIENT TISSUE**

\* Larynx

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 99021-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** alpha-Thujone

**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 11:44:31

**First Dose M/F:** NA / NA

**Lab:** MBA

**ANIMAL ID:** 3

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB440M-3

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                             |
|----------------------------|---------------------------|-----------------------------|-----------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Blood Vessel              | * Bone Marrow               |
| * Brain, NOS               | * Epididymis              | * Esophagus                 | * Eye                       |
| * Gallbladder              | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum    |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum    |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                     |
| * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Mammary Gland             |
| * Nose                     | * Pancreas                | * Parathyroid Gland         | * Peripheral Nerve, Sciatic |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands           |
| * Seminal Vesicle          | * Skeletal Muscle         | * Skin                      | * Spinal Cord, Cervical     |
| * Spinal Cord, Lumbar      | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular        |
| * Testes                   | * Thymus                  | * Thyroid Gland             | * Trachea                   |
| * Urinary Bladder          |                           |                             |                             |

**INSUFFICIENT TISSUE**

- |        |          |
|--------|----------|
| * Bone | * Larynx |
|--------|----------|

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 99021-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** alpha-Thujone

**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 11:44:31

**First Dose M/F:** NA / NA

**Lab:** MBA

**ANIMAL ID:** 4

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB440M-4

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain, NOS	* Epididymis	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Spinal Cord, Cervical	* Spinal Cord, Lumbar	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Esophagus	* Mammary Gland
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**INSUFFICIENT TISSUE**

* Larynx	* Peripheral Nerve, Sciatic
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**OBSERVATIONS**

* Spleen	Hematopoietic Cell Proliferation	Mild
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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 99021-02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/19/2014

Time Report Requested: 11:44:31

First Dose M/F: NA / NA

Lab: MBA

<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB440M-5

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * Bone                      |
| * Bone Marrow            | * Brain, NOS               | * Epididymis              | * Esophagus                 |
| * Eye                    | * Gallbladder              | * Harderian Gland         | * Heart                     |
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Nose                   | * Pancreas                 | * Parathyroid Gland       | * Peripheral Nerve, Sciatic |
| * Pituitary Gland        | * Preputial Gland          | * Prostate                | * Salivary Glands           |
| * Seminal Vesicle        | * Skeletal Muscle          | * Skin                    | * Spinal Cord, Cervical     |
| * Spinal Cord, Lumbar    | * Stomach, Forestomach     | * Stomach, Glandular      | * Testes                    |
| * Thymus                 | * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |
| Zymbal's Gland           |                            |                           |                             |

MISSING

- \* Mammary Gland

INSUFFICIENT TISSUE

- \* Larynx

OBSERVATIONS

- |          |                                  |         |
|----------|----------------------------------|---------|
| * Spleen | Hematopoietic Cell Proliferation | Minimal |
|----------|----------------------------------|---------|

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 11

**TRT#:** 2  
**DOSE:** 1.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18  
**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 99021-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** alpha-Thujone

**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 11:44:31

**First Dose M/F:** NA / NA

**Lab:** MBA

---

**ANIMAL ID:** 12

**TRT#:** 2

**DOSE:** 1.0 MG/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:**

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

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-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 99021-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** alpha-Thujone

**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 11:44:31

**First Dose M/F:** NA / NA

**Lab:** MBA

---

**ANIMAL ID:** 13

**TRT#:** 2

**DOSE:** 1.0 MG/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:**

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

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-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 14

**TRT#:** 2  
**DOSE:** 1.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18  
**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 15

**TRT#:** 2  
**DOSE:** 1.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18  
**HISTO:**

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 21

**TRT#:** 3

**DOSE:** 3.0 MG/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:**

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 22

**TRT#:** 3

**DOSE:** 3.0 MG/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:**

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 23

**TRT#:** 3

**DOSE:** 3.0 MG/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:**

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 24

**TRT#:** 3

**DOSE:** 3.0 MG/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:**

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 25

**TRT#:** 3

**DOSE:** 3.0 MG/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:**

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 31

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 10.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 32

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 10.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 33

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 10.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 34

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 10.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 35

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 10.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 99021-02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/19/2014

Time Report Requested: 11:44:31

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 41

TRT#: 5

SEX: Male

DAY ON TEST: 18

DOSE: 30.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB440M-41

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain, NOS	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Peripheral Nerve, Sciatic	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Spinal Cord, Cervical	* Spinal Cord, Lumbar	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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**INSUFFICIENT TISSUE**

\* Larynx

**OBSERVATIONS**

\* Eye

Note: no optic nerve in sections

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 42

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB440M-42

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain, NOS	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Peripheral Nerve, Sciatic	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle	* Skin
* Spinal Cord, Cervical	* Spinal Cord, Lumbar	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 43	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> 30.0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB440M-43

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain, NOS	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Peripheral Nerve, Sciatic	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle	* Skin
* Spinal Cord, Cervical	* Spinal Cord, Lumbar	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

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**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Thyroid Gland	Ectopic Thymus	Minimal
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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 99021-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** alpha-Thujone

**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 11:44:31

**First Dose M/F:** NA / NA

**Lab:** MBA

**ANIMAL ID:** 44

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB440M-44

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain, NOS	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Peripheral Nerve, Sciatic	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spinal Cord, Cervical	* Spinal Cord, Lumbar
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**INSUFFICIENT TISSUE**

\* Larynx

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 99021-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** alpha-Thujone

**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 11:44:31

**First Dose M/F:** NA / NA

**Lab:** MBA

**ANIMAL ID:** 45

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB440M-45

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain, NOS	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Peripheral Nerve, Sciatic
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skeletal Muscle	* Skin	* Spinal Cord, Cervical
* Spinal Cord, Lumbar	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**INSUFFICIENT TISSUE**

\* Larynx

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 99021-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** alpha-Thujone

**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 11:44:31

**First Dose M/F:** NA / NA

**Lab:** MBA

**ANIMAL ID:** 51

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 4

**DOSE:** 100 MG/KG

**DISP:** Natural Death

**HISTO:** MB440M-51

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Bone Marrow  
\* Eye  
\* Islets, Pancreatic  
\* Lymph Node, Mandibular  
\* Peripheral Nerve, Sciatic  
\* Salivary Glands  
\* Spinal Cord, Cervical  
\* Stomach, Glandular  
\* Trachea

\* Adrenal Medulla  
\* Brain, NOS  
\* Gallbladder  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Seminal Vesicle  
\* Spinal Cord, Lumbar  
\* Testes  
\* Urinary Bladder

\* Blood Vessel  
\* Epididymis  
\* Harderian Gland  
\* Liver  
\* Nose  
\* Preputial Gland  
\* Skeletal Muscle  
\* Spleen  
\* Thymus

\* Bone  
\* Esophagus  
\* Heart  
\* Lung  
\* Pancreas  
\* Prostate  
\* Skin  
\* Stomach, Forestomach  
\* Thyroid Gland

**MISSING**

\* Mammary Gland

\* Parathyroid Gland

**AUTO PRECLUDES DIAG.**

\* Intestine Large, Cecum  
\* Intestine Small, Ileum

\* Intestine Large, Colon  
\* Intestine Small, Jejunum

\* Intestine Large, Rectum

\* Intestine Small, Duodenum

**INSUFFICIENT TISSUE**

\* Larynx

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 52

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB440M-52

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain, NOS	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Peripheral Nerve, Sciatic	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spinal Cord, Cervical	* Spinal Cord, Lumbar
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**INSUFFICIENT TISSUE**

\* Larynx

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 99021-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** alpha-Thujone

**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 11:44:31

**First Dose M/F:** NA / NA

**Lab:** MBA

**ANIMAL ID:** 53

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 4

**DOSE:** 100 MG/KG

**DISP:** Natural Death

**HISTO:** MB440M-53

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain, NOS	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Peripheral Nerve, Sciatic	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spinal Cord, Cervical	* Spinal Cord, Lumbar
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**AUTO PRECLUDES DIAG.**

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 99021-02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/19/2014

Time Report Requested: 11:44:31

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 54

TRT#: 6

SEX: Male

DAY ON TEST: 8

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: MB440M-54

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex

\* Bone Marrow

\* Eye

\* Intestine Large, Colon

\* Lung

\* Pancreas

\* Prostate

\* Skin

\* Stomach, Forestomach

\* Thyroid Gland

\* Adrenal Medulla

\* Brain, NOS

\* Gallbladder

\* Intestine Large, Rectum

\* Lymph Node, Mandibular

\* Peripheral Nerve, Sciatic

\* Salivary Glands

\* Spinal Cord, Cervical

\* Stomach, Glandular

\* Trachea

\* Blood Vessel

\* Epididymis

\* Harderian Gland

\* Islets, Pancreatic

\* Lymph Node, Mesenteric

\* Pituitary Gland

\* Seminal Vesicle

\* Spinal Cord, Lumbar

\* Testes

\* Urinary Bladder

\* Bone

\* Esophagus

\* Heart

\* Liver

\* Nose

\* Preputial Gland

\* Skeletal Muscle

\* Spleen

\* Thymus

MISSING

\* Mammary Gland

\* Parathyroid Gland

AUTO PRECLUDES DIAG.

\* Intestine Large, Cecum

\* Intestine Small, Duodenum

\* Intestine Small, Ileum

\* Intestine Small, Jejunum

INSUFFICIENT TISSUE

\* Larynx

OBSERVATIONS

\* Kidney

Renal Tubule

Degeneration

Focal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 55	<b>TRT#:</b> 6	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 15
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> MB440M-55

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain, NOS	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Peripheral Nerve, Sciatic	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spinal Cord, Cervical	* Spinal Cord, Lumbar
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**MISSING**

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	

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**INSUFFICIENT TISSUE**

\* Larynx

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 7	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB440M-6

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain, NOS	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Peripheral Nerve, Sciatic	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord, Cervical	* Spinal Cord, Lumbar	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

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**MISSING**

\* Clitoral Gland

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland		Ectopic Thymus	Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 7	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB440M-7

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain, NOS	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Peripheral Nerve, Sciatic	* Pituitary Gland	* Salivary Glands
* Skeletal Muscle	* Skin	* Spinal Cord, Cervical	* Spinal Cord, Lumbar
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

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**MISSING**

\* Gallbladder

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 7	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB440M-8

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain, NOS	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Peripheral Nerve, Sciatic	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord, Cervical	* Spinal Cord, Lumbar	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

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**INSUFFICIENT TISSUE**

* Larynx	* Pituitary Gland
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**OBSERVATIONS**

* Spleen	Hematopoietic Cell Proliferation	Mild
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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 9	<b>TRT#:</b> 7	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB440M-9

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain, NOS	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Peripheral Nerve, Sciatic	* Pituitary Gland
* Salivary Glands	* Skeletal Muscle	* Skin	* Spinal Cord, Cervical
* Spinal Cord, Lumbar	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 99021-02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/19/2014

Time Report Requested: 11:44:31

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 10

TRT#: 7

SEX: Female

DAY ON TEST: 18

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: MB440M-10

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Medulla  
\* Brain, NOS  
\* Heart  
\* Intestine Small, Duodenum  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Parathyroid Gland  
\* Skin  
\* Stomach, Glandular  
\* Urinary Bladder

\* Blood Vessel  
\* Esophagus  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Liver  
\* Nose  
\* Peripheral Nerve, Sciatic  
\* Spinal Cord, Cervical  
\* Thymus  
\* Uterus

\* Bone  
\* Eye  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lung  
\* Ovary  
\* Salivary Glands  
\* Spinal Cord, Lumbar  
\* Thyroid Gland

\* Bone Marrow  
\* Harderian Gland  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mandibular  
\* Pancreas  
\* Skeletal Muscle  
\* Stomach, Forestomach  
\* Trachea

MISSING

\* Clitoral Gland

\* Gallbladder

\* Mammary Gland

INSUFFICIENT TISSUE

\* Larynx

\* Pituitary Gland

OBSERVATIONS

\* Adrenal Cortex

Subcapsular

Hyperplasia

Focal, Minimal

\* Esophagus

Note: on slide 3

\* Skin

Note: TGL1 - NCL

\* Spleen

Hematopoietic Cell Proliferation

Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 16

**TRT#:** 8

**DOSE:** 1.0 MG/KG

**SEX:** Female

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 17

**TRT#:** 8

**DOSE:** 1.0 MG/KG

**SEX:** Female

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 99021-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** alpha-Thujone

**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 11:44:31

**First Dose M/F:** NA / NA

**Lab:** MBA

---

**ANIMAL ID:** 18

**TRT#:** 8

**DOSE:** 1.0 MG/KG

**SEX:** Female

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 19

**TRT#:** 8

**DOSE:** 1.0 MG/KG

**SEX:** Female

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 20

**TRT#:** 8

**DOSE:** 1.0 MG/KG

**SEX:** Female

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 26

**TRT#:** 9  
**DOSE:** 3.0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18  
**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH -

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 27

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 3.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 28

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 3.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 29

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 3.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 30

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 3.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 36

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 10.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 37

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 10.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

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-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 38

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 10.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 39

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 10.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 40

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 10.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 46

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 47

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 48

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 49

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 50

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION**

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 99021-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** alpha-Thujone

**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 11:44:31

**First Dose M/F:** NA / NA

**Lab:** MBA

**ANIMAL ID:** 56

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 1

**DOSE:** 100 MG/KG

**DISP:** Natural Death

**HISTO:** MB440M-56

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain, NOS	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skeletal Muscle	* Skin
* Spinal Cord, Cervical	* Spinal Cord, Lumbar	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

* Parathyroid Gland	* Peripheral Nerve, Sciatic
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**AUTO PRECLUDES DIAG.**

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 57

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 1

**DOSE:** 100 MG/KG

**DISP:** Natural Death

**HISTO:** MB440M-57

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain, NOS	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Peripheral Nerve, Sciatic
* Pituitary Gland	* Salivary Glands	* Skeletal Muscle	* Skin
* Spinal Cord, Cervical	* Spinal Cord, Lumbar	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

\* Parathyroid Gland

**AUTO PRECLUDES DIAG.**

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

**INSUFFICIENT TISSUE**

\* Larynx

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** alpha-Thujone  
**CAS Number:** 546-80-5

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 11:44:31  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 58	<b>TRT#:</b> 12	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 1
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> MB440M-58

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain, NOS	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Peripheral Nerve, Sciatic	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord, Cervical	* Spinal Cord, Lumbar	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

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**MISSING**

* Parathyroid Gland	* Urinary Bladder
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**AUTO PRECLUDES DIAG.**

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

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**OBSERVATIONS**

* Spleen	Hematopoietic Cell Proliferation	Mild
* Uterus	Hydrometra	Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 99021-02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/19/2014

Time Report Requested: 11:44:31

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 59

TRT#: 12

SEX: Female

DAY ON TEST: 4

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: MB440M-59

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
\* Bone Marrow  
\* Eye  
\* Islets, Pancreatic  
\* Lung  
\* Nose  
\* Pituitary Gland  
\* Spinal Cord, Cervical  
\* Stomach, Glandular  
\* Urinary Bladder

\* Adrenal Medulla  
\* Brain, NOS  
\* Harderian Gland  
\* Kidney  
\* Lymph Node, Mandibular  
\* Ovary  
\* Salivary Glands  
\* Spinal Cord, Lumbar  
\* Thymus

\* Blood Vessel  
\* Clitoral Gland  
\* Heart  
\* Larynx  
\* Lymph Node, Mesenteric  
\* Pancreas  
\* Skeletal Muscle  
\* Spleen  
\* Thyroid Gland

\* Bone  
\* Esophagus  
\* Intestine Large, Rectum  
\* Liver  
\* Mammary Gland  
\* Peripheral Nerve, Sciatic  
\* Skin  
\* Stomach, Forestomach  
\* Trachea

MISSING

\* Parathyroid Gland

AUTO PRECLUDES DIAG.

\* Gallbladder  
\* Intestine Small, Ileum

\* Intestine Large, Cecum  
\* Intestine Small, Jejunum

\* Intestine Large, Colon

\* Intestine Small, Duodenum

OBSERVATIONS

\* Uterus

Hydrometra

Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 99021-02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: alpha-Thujone

CAS Number: 546-80-5

Date Report Requested: 10/19/2014

Time Report Requested: 11:44:31

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 60

TRT#: 12

SEX: Female

DAY ON TEST: 8

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: MB440M-60

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Bone Marrow
- \* Eye
- \* Intestine Large, Rectum
- \* Liver
- \* Mammary Gland
- \* Peripheral Nerve, Sciatic
- \* Spinal Cord, Cervical
- \* Stomach, Glandular
- \* Urinary Bladder

- \* Adrenal Medulla
- \* Brain, NOS
- \* Gallbladder
- \* Islets, Pancreatic
- \* Lung
- \* Nose
- \* Salivary Glands
- \* Spinal Cord, Lumbar
- \* Thymus
- \* Uterus

- \* Blood Vessel
- \* Clitoral Gland
- \* Harderian Gland
- \* Kidney
- \* Lymph Node, Mandibular
- \* Ovary
- \* Skeletal Muscle
- \* Spleen
- \* Thyroid Gland

- \* Bone
- \* Esophagus
- \* Heart
- \* Larynx
- \* Lymph Node, Mesenteric
- \* Pancreas
- \* Skin
- \* Stomach, Forestomach
- \* Trachea

MISSING

- \* Parathyroid Gland

AUTO PRECLUDES DIAG.

- \* Intestine Large, Cecum
- \* Intestine Small, Jejunum

- \* Intestine Large, Colon

- \* Intestine Small, Duodenum

- \* Intestine Small, Ileum

INSUFFICIENT TISSUE

- \* Pituitary Gland

PRIMARY CAUSE OF DEATH

-

\*\* END OF REPORT \*\*

\* PROTOCOL REQUIRED TISSUE