

**Experiment Number:** 99037 - 02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

**NTP Study Number:** C99037  
**Lock Date:** 01/24/2002  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.3\_002  
**PWG Approval Date:** NONE

Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

**ANIMAL ID:** 1

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB442M-1

**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
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

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

\* Larynx

**OBSERVATIONS**

\* Preputial GI

Note: slide 2

Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

**ANIMAL ID:** 2

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB442M-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
* 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

\* Pituitary Gland

**OBSERVATIONS**

\* Eye

Note: no optic nerve in sections



Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

**ANIMAL ID:** 4

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB442M-4

**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	* 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		

**MISSING**

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

* Larynx	* Thyroid Gland
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Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

**ANIMAL ID:** 5

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB442M-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    | * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        |
| * Testes                 | * Thymus                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        |                            |                           |                             |

**MISSING**

- \* Mammary Gland

**INSUFFICIENT TISSUE**

- \* Larynx

**OBSERVATIONS**

- \* Eye  
Note: no optic nerve in section

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

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**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

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**ANIMAL ID:** 11

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 1.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

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**ANIMAL ID:** 12

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 1.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

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**ANIMAL ID:** 13

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 1.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

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**ANIMAL ID:** 14

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 1.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

---

**ANIMAL ID:** 15

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 1.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

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**ANIMAL ID:** 21

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 3.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

---

**ANIMAL ID:** 22

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 3.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

---

**ANIMAL ID:** 23

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 3.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

---

**ANIMAL ID:** 24

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 3.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

---

**ANIMAL ID:** 25

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 3.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**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

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**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

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**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

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**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

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**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

Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

ANIMAL ID: 41

TRT#: 5

SEX: Male

DAY ON TEST: 18

DOSE: 30.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB442M-41

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* 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	* 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**

* Blood Vessel	* Mammary Gland	* Parathyroid Gland
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Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

**ANIMAL ID:** 42

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB442M-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                    |
| * Liver                  | * Lung                     | * 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**

- |                          |                 |
|--------------------------|-----------------|
| * Lymph Node, Mandibular | * Mammary Gland |
|--------------------------|-----------------|

**INSUFFICIENT TISSUE**

- \* Larynx

Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

ANIMAL ID: 43

TRT#: 5

SEX: Male

DAY ON TEST: 18

DOSE: 30.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB442M-43

**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	* Peripheral Nerve, Sciatic
* 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	* Pituitary Gland
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Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

ANIMAL ID: 44

TRT#: 5

SEX: Male

DAY ON TEST: 18

DOSE: 30.0 MG/KG

DISP: Terminal Sacrifice

HISTO: MB442M-44

**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	* Larynx
* Liver	* Lung	* 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**

* Lymph Node, Mandibular	* Mammary Gland
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**INSUFFICIENT TISSUE**

\* Gallbladder

Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

**ANIMAL ID:** 45

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB442M-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**

- |          |                 |
|----------|-----------------|
| * Larynx | * Mammary Gland |
|----------|-----------------|

**OBSERVATIONS**

- \* Eye  
Note: no optic nerve in sections

Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

ANIMAL ID: 51

TRT#: 6

SEX: Male

DAY ON TEST: 15

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: MB442M-51

**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	* 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	Tissue NOS	* Trachea	* Urinary Bladder

**MISSING**

* Larynx	* Mammary Gland	* Parathyroid Gland
----------	-----------------	---------------------

**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

\* Liver  
Note: TGL1 - NCL  
Tissue NOS  
Note: TGL2 - NCL (tongue)

Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

ANIMAL ID: 52

TRT#: 6

SEX: Male

DAY ON TEST: 16

DOSE: 100 MG/KG

DISP: Natural Death

HISTO: MB442M-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 | * 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   |
| * Testes                    | * Thymus                 | * Thyroid Gland           | * Trachea                |
| * Urinary Bladder           |                          |                           |                          |

**MISSING**

- \* Mammary Gland

**AUTO PRECLUDES DIAG.**

- |                             |                          |                            |                      |
|-----------------------------|--------------------------|----------------------------|----------------------|
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Stomach, Glandular |
|-----------------------------|--------------------------|----------------------------|----------------------|

**INSUFFICIENT TISSUE**

- \* Larynx

Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

**ANIMAL ID:** 53

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 11

**DOSE:** 100 MG/KG

**DISP:** Natural Death

**HISTO:** MB442M-53

**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
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Small, Jejunum	* Nose	* Stomach, Glandular
---------------	----------------------------	--------	----------------------

**INSUFFICIENT TISSUE**

\* Larynx

Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

**ANIMAL ID:** 54

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 10

**DOSE:** 100 MG/KG

**DISP:** Natural Death

**HISTO:** MB442M-54

**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, Rectum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Peripheral Nerve, Sciatic	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skeletal Muscle	* Skin
* Spinal Cord, Cervical	* Spinal Cord, Lumbar	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**AUTO PRECLUDES DIAG.**

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Salivary Glands	* Stomach, Glandular

**INSUFFICIENT TISSUE**

\* Larynx

Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

**ANIMAL ID:** 55

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 11

**DOSE:** 100 MG/KG

**DISP:** Natural Death

**HISTO:** MB442M-55

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                             |                          |                           |
|--------------------------|-----------------------------|--------------------------|---------------------------|
| * Blood Vessel           | * Bone                      | * Bone Marrow            | * Brain, NOS              |
| * Epididymis             | * Esophagus                 | * Eye                    | * Gallbladder             |
| * Harderian Gland        | * Heart                     | * Intestine Large, Colon | * Intestine Large, Rectum |
| * 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   | * Testes                    | * Thymus                 | * Thyroid Gland           |
| * Trachea                | * Urinary Bladder           |                          |                           |

**MISSING**

- |                   |                 |
|-------------------|-----------------|
| * Adrenal Medulla | * Mammary Gland |
|-------------------|-----------------|

**AUTO PRECLUDES DIAG.**

- |                          |                             |                          |                            |
|--------------------------|-----------------------------|--------------------------|----------------------------|
| * Intestine Large, Cecum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Stomach, Glandular     |                             |                          |                            |

**INSUFFICIENT TISSUE**

- |                  |          |
|------------------|----------|
| * Adrenal Cortex | * Larynx |
|------------------|----------|

Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

**ANIMAL ID:** 6

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB442M-6

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                             |                             |                          |
|----------------------------|-----------------------------|-----------------------------|--------------------------|
| * 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    |
| * Stomach, Forestomach     | * Stomach, Glandular        | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder           | * Uterus                    |                          |

**OBSERVATIONS**

- |                  |             |                                  |                |
|------------------|-------------|----------------------------------|----------------|
| * Adrenal Cortex | Subcapsular | Hyperplasia                      | Focal, Minimal |
| * Spleen         |             | Hematopoietic Cell Proliferation | Minimal        |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

**ANIMAL ID:** 7

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB442M-7

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* 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	* 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		

**MISSING**

\* Gallbladder

**INSUFFICIENT TISSUE**

\* Larynx

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Focal, Minimal
------------------	-------------	-------------	----------------

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

**ANIMAL ID:** 8

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB442M-8

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                           |                             |                             |                            |
|---------------------------|-----------------------------|-----------------------------|----------------------------|
| * 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                    | * 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**

- |               |                     |
|---------------|---------------------|
| * Gallbladder | * Parathyroid Gland |
|---------------|---------------------|

**INSUFFICIENT TISSUE**

- \* Larynx

**OBSERVATIONS**

- |                                 |             |             |                |
|---------------------------------|-------------|-------------|----------------|
| * Adrenal Cortex                | Subcapsular | Hyperplasia | Focal, Minimal |
| * Eye                           |             |             |                |
| Note: no optic nerve in section |             |             |                |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

**ANIMAL ID:** 9

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB442M-9

**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                    |
| * 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

**INSUFFICIENT TISSUE**

- \* Larynx

Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

**ANIMAL ID:** 10

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** MB442M-10

**ORGAN AND ACCOUNTABLE SITE STATUS**

**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                    | * 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                    |                          |                             |

**MISSING**

- \* Clitoral Gland

**INSUFFICIENT TISSUE**

- \* Larynx

**OBSERVATIONS**

- |                  |             |             |                |
|------------------|-------------|-------------|----------------|
| * Adrenal Cortex | Subcapsular | Hyperplasia | Focal, Minimal |
| * Eye            |             |             |                |

Note: no optic nerve in sections

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

---

**ANIMAL ID:** 16

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 1.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

---

**ANIMAL ID:** 17

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 1.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

---

**ANIMAL ID:** 18

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 1.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

---

**ANIMAL ID:** 19

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 1.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

---

**ANIMAL ID:** 20

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 1.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

---

**ANIMAL ID:** 26

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 3.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**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

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**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

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**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

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**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

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**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

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**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

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**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

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**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

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**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

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

---

**ANIMAL ID:** 46

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB442M-46

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

---

**ANIMAL ID:** 47

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB442M-47

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

---

**ANIMAL ID:** 48

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB442M-48

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

---

**ANIMAL ID:** 49

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB442M-49

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

**Experiment Number:** 99037 - 02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

**CAS Number:** 76231-76-0

**Date Report Requested:** 09/19/2016

**Time Report Requested:** 15:43:44

**First Dose M/F:** 05/07/01 / 05/07/01

**Lab:** MBA

---

**ANIMAL ID:** 50

**TRT#:** 11

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 30.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB442M-50

---

\*\*\* NECROPSIED - NO MICROSCOPIC EXAMINATION

Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

**ANIMAL ID:** 56

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 11

**DOSE:** 100 MG/KG

**DISP:** Natural Death

**HISTO:** MB442M-56

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                             |                          |                          |                           |
|-----------------------------|--------------------------|--------------------------|---------------------------|
| * Adrenal Medulla           | * Blood Vessel           | * Bone                   | * Bone Marrow             |
| * Brain, NOS                | * Clitoral Gland         | * Esophagus              | * Eye                     |
| * Harderian Gland           | * Heart                  | * Intestine Large, Colon | * Intestine Large, Rectum |
| * 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      | * Thymus                 | * Thyroid Gland          | * Trachea                 |
| * Urinary Bladder           | * Uterus                 |                          |                           |

**AUTO PRECLUDES DIAG.**

- |                            |                          |                             |                          |
|----------------------------|--------------------------|-----------------------------|--------------------------|
| * Gallbladder              | * Intestine Large, Cecum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Stomach, Glandular     |                             |                          |

**OBSERVATIONS**

- |                  |             |             |                |
|------------------|-------------|-------------|----------------|
| * Adrenal Cortex | Subcapsular | Hyperplasia | Focal, Minimal |
|------------------|-------------|-------------|----------------|

Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

**ANIMAL ID:** 57

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 16

**DOSE:** 100 MG/KG

**DISP:** Natural Death

**HISTO:** MB442M-57

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

- \* Adrenal Medulla

**AUTO PRECLUDES DIAG.**

- |                          |                             |                          |                            |
|--------------------------|-----------------------------|--------------------------|----------------------------|
| * Intestine Large, Cecum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Salivary Glands        | * Stomach, Glandular        | * Uterus                 |                            |

**INSUFFICIENT TISSUE**

- \* Pituitary Gland

Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

**ANIMAL ID:** 58

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB442M-58

**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

Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

**ANIMAL ID:** 59

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB442M-59

**ORGAN AND ACCOUNTABLE SITE STATUS**

**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                    | * 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                    |                          |                             |

**MISSING**

- |                  |          |
|------------------|----------|
| * Clitoral Gland | * Larynx |
|------------------|----------|

**OBSERVATIONS**

- |                  |             |             |                |
|------------------|-------------|-------------|----------------|
| * Adrenal Cortex | Subcapsular | Hyperplasia | Focal, Minimal |
|------------------|-------------|-------------|----------------|

Experiment Number: 99037 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/19/2016

Time Report Requested: 15:43:44

First Dose M/F: 05/07/01 / 05/07/01

Lab: MBA

**ANIMAL ID:** 60

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** MB442M-60

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                             |                           |                             |                          |
|-----------------------------|---------------------------|-----------------------------|--------------------------|
| * 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 | * Pituitary Gland         | * Salivary Glands           | * Skeletal Muscle        |
| * Skin                      | * Spinal Cord, Cervical   | * Spinal Cord, Lumbar       | * Stomach, Forestomach   |
| * Stomach, Glandular        | * Thymus                  | * Trachea                   | * Urinary Bladder        |
| * Uterus                    |                           |                             |                          |

**MISSING**

- \* Larynx

**OBSERVATIONS**

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

\*\*\* END OF REPORT \*\*\*