

**Experiment Number:** 99037 - 04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

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

**Date Report Requested:** 09/20/2016

**Time Report Requested:** 15:14:27

**First Dose M/F:** 08/14/02 / 08/15/02

**Lab:** SRI

**NTP Study Number:** C99037B  
**Lock Date:** 04/04/2003  
**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 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 103678

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 2

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103679

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Liver                   | * Lung                      | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Nose                    | * Pancreas                  | * Parathyroid Gland      |
| * Peripheral Nerve         | * Pituitary Gland         | * Preputial Gland           | * Prostate               |
| * Salivary Glands          | * Seminal Vesicle         | * Skeletal Muscle           | * Skin                   |
| * Spinal Cord              | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Testes                   | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          |                           |                             |                          |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |          |             |         |
|----------|-------------|---------|
| * Kidney | Nephropathy | Minimal |
|----------|-------------|---------|

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 3

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 103680

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Lung                      | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Nose                    | * Pancreas                  | * Parathyroid Gland      |
| * Peripheral Nerve         | * Pituitary Gland         | * Preputial Gland           | * Prostate               |
| * Salivary Glands          | * Seminal Vesicle         | * Skeletal Muscle           | * Skin                   |
| * Spinal Cord              | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Testes                   | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          |                           |                             |                          |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |         |                    |                         |
|---------|--------------------|-------------------------|
| * Liver | Depletion Glycogen | Minimal                 |
|         | Inflammation       | Chronic Active, Minimal |

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 103681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Lung                      | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Nose                    | * Pancreas                  | * Peripheral Nerve       |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skeletal Muscle         | * Skin                      | * Spinal Cord            |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Testes                 |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |                     |                    |         |
|---------------------|--------------------|---------|
| * Liver             | Depletion Glycogen | Minimal |
| * Parathyroid Gland | Cyst               |         |

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 103682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- \* Mammary Gland

OBSERVATIONS

- \* Spleen
- [ Hyperplasia TGLs = 1-6 ]
- [ Pigmentation TGLs = 1-6 ]
- Hyperplasia
- Pigmentation
- Lymphoid, Mild
- Hemosiderin, Focal, Minimal

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 103683

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Liver                     | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      | * Pancreas               |
| * Parathyroid Gland        | * Peripheral Nerve        | * Pituitary Gland           | * Preputial Gland        |
| * Prostate                 | * Salivary Glands         | * Seminal Vesicle           | * Skeletal Muscle        |
| * Skin                     | * Spinal Cord             | * Spleen                    | * Stomach, Forestomach   |
| * Testes                   | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          |                           |                             |                          |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- \* Stomach, Glandular Cyst

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 7

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103684

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Lung                      | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Nose                    | * Pancreas                  | * Parathyroid Gland      |
| * Peripheral Nerve         | * Pituitary Gland         | * Preputial Gland           | * Prostate               |
| * Salivary Glands          | * Seminal Vesicle         | * Skeletal Muscle           | * Skin                   |
| * Spinal Cord              | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Testes                   | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          |                           |                             |                          |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |         |                    |         |
|---------|--------------------|---------|
| * Liver | Depletion Glycogen | Minimal |
|---------|--------------------|---------|



Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 103685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Lung                      | * Lymph Node, Mandibular |
| * Nose                     | * Pancreas                | * Parathyroid Gland         | * Peripheral Nerve       |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skeletal Muscle         | * Skin                      | * Spinal Cord            |
| * Spleen                   | * Stomach, Forestomach    | * Testes                    | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |                          |

MISSING

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

OBSERVATIONS

- |                      |                    |         |
|----------------------|--------------------|---------|
| * Liver              | Depletion Glycogen | Minimal |
| * Stomach, Glandular | Cyst               |         |

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 9

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103686

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |                      |                    |             |
|----------------------|--------------------|-------------|
| * Harderian Gland    | Inflammation       | Acute, Mild |
| * Liver              | Depletion Glycogen | Mild        |
| * Stomach, Glandular | Cyst               |             |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 103687

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 11

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 6.25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103688

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

Brain

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 12

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 6.25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103689

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

Brain

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 13

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 6.25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103690

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

Brain

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 14

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 6.25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103691

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

Brain

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 15

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 6.25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103692

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

Brain

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---



Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 16

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 6.25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103693

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

Brain

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 17

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 6.25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103694

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

Brain

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 18

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 6.25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103695

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

Brain

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 19

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 6.25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103696

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

Brain

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 20

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 6.25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103697

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

Brain

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 21

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103698

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

Brain

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 22

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103699

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

Brain

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 23

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103700

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

Brain

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---



Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 24

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103701

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

Brain

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 25

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103702

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

Brain

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 26

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103703

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

Brain

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 27

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103704

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

Brain

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 28

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103705

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

Brain

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 29

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103706

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

Brain

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 30

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103707

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

Brain

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04  
Test Type: 90-DAY  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
alpha/beta Thujone mixture  
CAS Number: 76231-76-0

Date Report Requested: 09/20/2016  
Time Report Requested: 15:14:27  
First Dose M/F: 08/14/02 / 08/15/02  
Lab: SRI

ANIMAL ID: 31

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 103708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Mammary Gland

OBSERVATIONS

* Harderian Gland	Hyperplasia	Focal, Mild
* Kidney	Nephropathy	Minimal
* Liver	Hematopoietic Cell Proliferation	Minimal



Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 32

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 103709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Lung                    | * Lymph Node, Mandibular    | * Lymph Node, Mesenteric |
| * Nose                     | * Pancreas                | * Parathyroid Gland         | * Peripheral Nerve       |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | Skeletal Muscle           | * Skin                      | Spinal Cord              |
| * Spleen                   | * Stomach, Forestomach    | * Testes                    | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |                          |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |                      |                                  |                  |
|----------------------|----------------------------------|------------------|
| * Kidney             | Nephropathy                      | Minimal          |
| * Liver              | Depletion Glycogen               | Mild             |
|                      | Hematopoietic Cell Proliferation | Minimal          |
| * Stomach, Glandular | Cyst                             |                  |
|                      | Edema                            | Mild             |
|                      | Infiltration Cellular            | Eosinophil, Mild |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

ANIMAL ID: 33

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 103710

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Liver                     | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      | * Pancreas               |
| * Parathyroid Gland        | * Peripheral Nerve        | * Pituitary Gland           | * Preputial Gland        |
| * Prostate                 | * Salivary Glands         | * Seminal Vesicle           | * Skin                   |
| Spinal Cord                | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Testes                   | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          |                           |                             |                          |
- 

**MISSING**

- \* Mammary Gland
-

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 34

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 103711

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Lung                      | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Nose                    | * Pancreas                  | * Parathyroid Gland      |
| * Peripheral Nerve         | * Pituitary Gland         | * Preputial Gland           | * Prostate               |
| * Salivary Glands          | * Seminal Vesicle         | Skeletal Muscle             | * Skin                   |
| Spinal Cord                | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Testes                   | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          |                           |                             |                          |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |         |                    |      |
|---------|--------------------|------|
| * Liver | Depletion Glycogen | Mild |
|---------|--------------------|------|

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 35

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103712

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                             |                          |                            |                           |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex            | * Adrenal Medulla        | * Bone                     | * Bone Marrow             |
| * Brain                     | * Epididymis             | * Esophagus                | * Gallbladder             |
| * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Kidney                  |
| * Lung                      | * Lymph Node, Mandibular | * Lymph Node, Mesenteric   | * Nose                    |
| * Pancreas                  | * Parathyroid Gland      | * Peripheral Nerve         | * Pituitary Gland         |
| * Preputial Gland           | * Prostate               | * Salivary Glands          | * Seminal Vesicle         |
| * Skin                      | * Spleen                 | * Stomach, Forestomach     | * Stomach, Glandular      |
| * Testes                    | * Thymus                 | * Thyroid Gland            | * Trachea                 |
| * Urinary Bladder           |                          |                            |                           |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |  |                    |                |
|--|--------------------|----------------|
| * Eye  | Inflammation       | Acute, Minimal |
| Note: The inflammation was actually found in the Periocular tissue of the Skeletal Muscle. |                    |                |
| * Harderian Gland  | Inflammation       | Acute, Minimal |
| * Liver  | Depletion Glycogen | Minimal        |

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 36

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 103713

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Peripheral Nerve	Skeletal Muscle	Spinal Cord
-----------------	--------------------	-----------------	-------------

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 37

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103714

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | * Bone                   | * Bone Marrow              |
| * Brain                   | * Epididymis                | * Esophagus              | * Eye                      |
| * Harderian Gland         | * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Kidney                  | * Liver                     | * Lung                   | * Lymph Node, Mandibular   |
| * Lymph Node, Mesenteric  | * Nose                      | * Pancreas               | * Parathyroid Gland        |
| * Pituitary Gland         | * Preputial Gland           | * Prostate               | * Salivary Glands          |
| * Seminal Vesicle         | * Skin                      | * Spleen                 | * Stomach, Forestomach     |
| * Testes                  | * Thymus                    | * Thyroid Gland          | * Trachea                  |
| * Urinary Bladder         |                             |                          |                            |

**MISSING**

- |               |                 |                    |                 |
|---------------|-----------------|--------------------|-----------------|
| * Gallbladder | * Mammary Gland | * Peripheral Nerve | Skeletal Muscle |
| Spinal Cord   |                 |                    |                 |

**OBSERVATIONS**

- |                      |      |
|----------------------|------|
| * Stomach, Glandular | Cyst |
|----------------------|------|

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 38

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103715

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Lung                      | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Nose                    | * Pancreas                  | * Parathyroid Gland      |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Testes                  | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         |                             |                          |

**MISSING**

- |                 |                    |                 |             |
|-----------------|--------------------|-----------------|-------------|
| * Mammary Gland | * Peripheral Nerve | Skeletal Muscle | Spinal Cord |
|-----------------|--------------------|-----------------|-------------|

**OBSERVATIONS**

- |         |                    |         |
|---------|--------------------|---------|
| * Liver | Depletion Glycogen | Minimal |
|---------|--------------------|---------|

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 99037 - 04  
Test Type: 90-DAY  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
alpha/beta Thujone mixture  
CAS Number: 76231-76-0

Date Report Requested: 09/20/2016  
Time Report Requested: 15:14:27  
First Dose M/F: 08/14/02 / 08/15/02  
Lab: SRI

ANIMAL ID: 39

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 103716

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Peripheral Nerve	Skeletal Muscle	Spinal Cord
-----------------	--------------------	-----------------	-------------

**OBSERVATIONS**

* Kidney	Cyst
----------	------



Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 40

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 103717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | * Bone                   | * Bone Marrow              |
| * Brain                   | * Epididymis                | * Esophagus              | * Eye                      |
| * Gallbladder             | * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Kidney                  | * Lung                      | * Lymph Node, Mandibular | * Lymph Node, Mesenteric   |
| * Nose                    | * Pancreas                  | * Parathyroid Gland      | * Pituitary Gland          |
| * Preputial Gland         | * Prostate                  | * Salivary Glands        | * Seminal Vesicle          |
| * Skin                    | * Spleen                    | * Stomach, Forestomach   | * Stomach, Glandular       |
| * Testes                  | * Thymus                    | * Thyroid Gland          | * Trachea                  |
| * Urinary Bladder         |                             |                          |                            |

MISSING

- |                 |                    |                 |             |
|-----------------|--------------------|-----------------|-------------|
| * Mammary Gland | * Peripheral Nerve | Skeletal Muscle | Spinal Cord |
|-----------------|--------------------|-----------------|-------------|

OBSERVATIONS

- |                   |                    |                |
|-------------------|--------------------|----------------|
| * Harderian Gland | Inflammation       | Acute, Minimal |
| * Liver           | Depletion Glycogen | Mild           |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 41

TRT#: 9

SEX: Male

DAY ON TEST: 42

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 103718

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skeletal Muscle	* Skin	* Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Lung		Hemorrhage	Mild
* Pituitary Gland	Pars Distalis	Cyst	

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 42

TRT#: 9

SEX: Male

DAY ON TEST: 63

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 103719

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Liver                     | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Nose                    | * Pancreas                  | * Parathyroid Gland      |
| * Peripheral Nerve         | * Pituitary Gland         | * Preputial Gland           | * Prostate               |
| * Salivary Glands          | * Seminal Vesicle         | * Skeletal Muscle           | * Skin                   |
| * Spinal Cord              | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Testes                   | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          |                           |                             |                          |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |        |            |      |
|--------|------------|------|
| * Lung | Hemorrhage | Mild |
|--------|------------|------|

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 43

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 87

**DOSE:** 50 MG/KG

**DISP:** Natural Death

**HISTO:** 103720

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

- |             |                 |
|-------------|-----------------|
| * Esophagus | * Mammary Gland |
|-------------|-----------------|

**OBSERVATIONS**

- |          |             |         |
|----------|-------------|---------|
| * Kidney | Nephropathy | Minimal |
| * Lung   | Hemorrhage  | Mild    |

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 44

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 103721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Lung                      | * Lymph Node, Mesenteric |
| * Nose                     | * Pancreas                | * Parathyroid Gland         | * Peripheral Nerve       |
| * Pituitary Gland          | * Prostate                | * Salivary Glands           | * Seminal Vesicle        |
| * Skeletal Muscle          | * Skin                    | * Spinal Cord               | * Spleen                 |
| * Stomach, Forestomach     | * Stomach, Glandular      | * Testes                    | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |                          |

MISSING

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

OBSERVATIONS

- |                   |                    |                         |
|-------------------|--------------------|-------------------------|
| * Liver           | Depletion Glycogen | Mild                    |
| * Preputial Gland | Inflammation       | Chronic Active, Minimal |

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 45

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 55

**DOSE:** 50 MG/KG

**DISP:** Natural Death

**HISTO:** 103722

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

- \* Mammary Gland

**AUTO PRECLUDES DIAG.**

- \* Intestine Small, Jejunum

**OBSERVATIONS**

- |         |                                  |         |
|---------|----------------------------------|---------|
| * Liver | Hematopoietic Cell Proliferation | Minimal |
|---------|----------------------------------|---------|

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 46

TRT#: 9

SEX: Male

DAY ON TEST: 55

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 103723

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Lung	Congestion	Mild
* Spinal Cord	Congestion	Mild

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 47

TRT#: 9

SEX: Male

DAY ON TEST: 90

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 103724

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland



Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 48

TRT#: 9

SEX: Male

DAY ON TEST: 76

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 103725

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 49

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 55

**DOSE:** 50 MG/KG

**DISP:** Natural Death

**HISTO:** 103726

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Liver                   | * Lymph Node, Mandibular    | * Lymph Node, Mesenteric |
| * Nose                     | * Pancreas                | * Parathyroid Gland         | * Peripheral Nerve       |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skeletal Muscle         | * Skin                      | * Spinal Cord            |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Testes                 |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |          |             |         |
|----------|-------------|---------|
| * Kidney | Nephropathy | Minimal |
| * Lung   | Hemorrhage  | Minimal |

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 50

TRT#: 9

SEX: Male

DAY ON TEST: 76

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 103727

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Liver                     | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Nose                    | * Pancreas                  | * Parathyroid Gland      |
| * Peripheral Nerve         | * Pituitary Gland         | * Preputial Gland           | * Prostate               |
| * Salivary Glands          | * Seminal Vesicle         | * Skeletal Muscle           | * Skin                   |
| * Spinal Cord              | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Testes                   | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          |                           |                             |                          |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |        |            |      |
|--------|------------|------|
| * Lung | Hemorrhage | Mild |
|--------|------------|------|

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 51

TRT#: 11

SEX: Male

DAY ON TEST: 35

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 103728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- \* Mammary Gland

OBSERVATIONS

- \* Lung Congestion Minimal

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 52

TRT#: 11

SEX: Male

DAY ON TEST: 42

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 103729

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Liver                     | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Nose                    | * Pancreas                  | * Parathyroid Gland      |
| * Peripheral Nerve         | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skeletal Muscle         | * Skin                      | * Spinal Cord            |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Testes                 |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |

**MISSING**

- |                 |                   |
|-----------------|-------------------|
| * Mammary Gland | * Pituitary Gland |
|-----------------|-------------------|

**OBSERVATIONS**

- |                           |            |      |
|---------------------------|------------|------|
| * Lung                    | Congestion | Mild |
| [ Congestion TGLs = 1-2 ] |            |      |

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 53

TRT#: 11

SEX: Male

DAY ON TEST: 43

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 103730

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Peripheral Nerve	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle	* Skin
* Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

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

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 54

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 43

**DOSE:** 75 MG/KG

**DISP:** Natural Death

**HISTO:** 103731

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

- |                            |                 |
|----------------------------|-----------------|
| * Intestine Small, Jejunum | * Mammary Gland |
|----------------------------|-----------------|

**OBSERVATIONS**

- |        |            |      |
|--------|------------|------|
| * Lung | Congestion | Mild |
|--------|------------|------|

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 55

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 49

**DOSE:** 75 MG/KG

**DISP:** Natural Death

**HISTO:** 103732

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Lymph Node, Mandibular    | * Lymph Node, Mesenteric |
| * Nose                     | * Pancreas                | * Parathyroid Gland         | * Peripheral Nerve       |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skeletal Muscle         | * Skin                      | * Spinal Cord            |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Testes                 |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |         |                                  |         |
|---------|----------------------------------|---------|
| * Liver | Hematopoietic Cell Proliferation | Minimal |
| * Lung  | Congestion                       | Mild    |

Animal Note: TGL 1 = NCL (No Corresponding Lesion)



Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 56

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 51

**DOSE:** 75 MG/KG

**DISP:** Natural Death

**HISTO:** 103733

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

- |               |                 |
|---------------|-----------------|
| * Gallbladder | * Mammary Gland |
|---------------|-----------------|

**OBSERVATIONS**

- |               |              |                |         |
|---------------|--------------|----------------|---------|
| * Kidney      | Renal Tubule | Mineralization | Minimal |
| * Spinal Cord |              | Congestion     | Mild    |

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 57

TRT#: 11

SEX: Male

DAY ON TEST: 38

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 103734

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Liver                     | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Nose                    | * Pancreas                  | * Parathyroid Gland      |
| * Peripheral Nerve         | * Pituitary Gland         | * Preputial Gland           | * Prostate               |
| * Salivary Glands          | * Seminal Vesicle         | * Skeletal Muscle           | * Skin                   |
| * Spinal Cord              | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Testes                   | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          |                           |                             |                          |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |        |            |      |
|--------|------------|------|
| * Lung | Congestion | Mild |
|--------|------------|------|

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 58

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 38

**DOSE:** 75 MG/KG

**DISP:** Natural Death

**HISTO:** 103735

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Liver                     | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Nose                    | * Pancreas                  | * Parathyroid Gland      |
| * Peripheral Nerve         | * Pituitary Gland         | * Preputial Gland           | * Prostate               |
| * Salivary Glands          | * Seminal Vesicle         | * Skeletal Muscle           | * Skin                   |
| * Spinal Cord              | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Testes                   | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          |                           |                             |                          |

**MISSING**

- \* Mammary Gland

**OBSERVATIONS**

- |        |            |         |
|--------|------------|---------|
| * Lung | Hemorrhage | Minimal |
|--------|------------|---------|

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 59

TRT#: 11

SEX: Male

DAY ON TEST: 42

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 103736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Lung                    | * Lymph Node, Mandibular    | * Lymph Node, Mesenteric |
| * Nose                     | * Pancreas                | * Parathyroid Gland         | * Peripheral Nerve       |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skeletal Muscle         | * Skin                      | * Spinal Cord            |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Testes                 |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |          |                                  |         |
|----------|----------------------------------|---------|
| * Kidney | Nephropathy                      | Minimal |
| * Liver  | Hematopoietic Cell Proliferation | Minimal |

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 60

TRT#: 11

SEX: Male

DAY ON TEST: 55

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 103737

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Gallbladder	* Lymph Node, Mesenteric	* Mammary Gland
---------------	--------------------------	-----------------

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 61

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103738

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Lung                    | * Lymph Node, Mandibular    | * Lymph Node, Mesenteric |
| * Mammary Gland            | * Nose                    | * Ovary                     | * Pancreas               |
| * Parathyroid Gland        | * Peripheral Nerve        | * Pituitary Gland           | * Salivary Glands        |
| * Skeletal Muscle          | * Skin                    | * Spinal Cord               | * Spleen                 |
| * Stomach, Forestomach     | * Stomach, Glandular      | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         | * Uterus                    | Vagina                   |

**OBSERVATIONS**

- |          |                                  |         |
|----------|----------------------------------|---------|
| * Kidney | Casts Protein                    | Minimal |
| * Liver  | Hematopoietic Cell Proliferation | Minimal |

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 62

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 103739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Lung                      | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Mammary Gland           | * Nose                      | * Ovary                  |
| * Pancreas                 | * Parathyroid Gland       | * Peripheral Nerve          | * Pituitary Gland        |
| * Salivary Glands          | * Skeletal Muscle         | * Skin                      | * Spinal Cord            |
| * Spleen                   | * Stomach, Forestomach    | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         | * Uterus                    | Vagina                   |

OBSERVATIONS

- |                      |                                  |         |
|----------------------|----------------------------------|---------|
| * Liver              | Hematopoietic Cell Proliferation | Minimal |
| * Stomach, Glandular | Cyst                             |         |

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 63

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 103740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Brain
- \* Gallbladder
- \* Intestine Large, Colon
- \* Intestine Small, Jejunum
- \* Lymph Node, Mesenteric
- \* Parathyroid Gland
- \* Skeletal Muscle
- \* Stomach, Forestomach
- \* Trachea
- \* Adrenal Medulla
- \* Clitoral Gland
- \* Harderian Gland
- \* Intestine Large, Rectum
- \* Liver
- \* Mammary Gland
- \* Peripheral Nerve
- \* Skin
- \* Stomach, Glandular
- \* Urinary Bladder
- \* Bone
- \* Esophagus
- \* Heart
- \* Intestine Small, Duodenum
- \* Lung
- \* Nose
- \* Pituitary Gland
- \* Spinal Cord
- \* Thymus
- \* Uterus
- \* Bone Marrow
- \* Eye
- \* Intestine Large, Cecum
- \* Intestine Small, Ileum
- \* Lymph Node, Mandibular
- \* Ovary
- \* Salivary Glands
- \* Spleen
- \* Thyroid Gland
- \* Vagina

OBSERVATIONS

- \* Kidney
  - \* Pancreas
- Acinus
- Casts Protein  
Atrophy
- Minimal  
Focal, Mild



Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 64

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 103741

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skeletal Muscle	* Skin
* Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus	Vagina		

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 65

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 103742

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skeletal Muscle	* Skin	* Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
Vagina			

**OBSERVATIONS**

* Kidney	Nephropathy	Minimal
----------	-------------	---------

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 66

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 103743

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skeletal Muscle	* Skin
* Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
Vagina			

**OBSERVATIONS**

\* Kidney

Note: Abnormal kidney shape was not normally tabulated. TGL 1-5

\* Spleen

Hematopoietic Cell Proliferation

Mild

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 67

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103744

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | * Bone                   | * Bone Marrow              |
| * Brain                   | * Clitoral Gland            | * Esophagus              | * Eye                      |
| * Gallbladder             | * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Kidney                  | * Liver                     | * Lung                   | * Lymph Node, Mandibular   |
| * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   | * Ovary                    |
| * Pancreas                | * Parathyroid Gland         | * Peripheral Nerve       | * Pituitary Gland          |
| * Salivary Glands         | * Skeletal Muscle           | * Skin                   | * Spinal Cord              |
| * Spleen                  | * Stomach, Forestomach      | * Thymus                 | * Thyroid Gland            |
| * Trachea                 | * Urinary Bladder           | * Uterus                 | Vagina                     |

**OBSERVATIONS**

- |                      |                |                |
|----------------------|----------------|----------------|
| * Harderian Gland    | Inflammation   | Acute, Minimal |
| * Stomach, Glandular | Cyst           |                |
|                      | Mineralization | Minimal        |

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 68

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 103745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

\* Kidney

Casts Protein

Minimal

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 69

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 103746

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Lung                      | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Mammary Gland           | * Nose                      | * Ovary                  |
| * Pancreas                 | * Parathyroid Gland       | * Peripheral Nerve          | * Pituitary Gland        |
| * Salivary Glands          | * Skeletal Muscle         | * Skin                      | * Spinal Cord            |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           | * Uterus                 |
| Vagina                     |                           |                             |                          |

**OBSERVATIONS**

- |         |                                  |         |
|---------|----------------------------------|---------|
| * Liver | Hematopoietic Cell Proliferation | Minimal |
|---------|----------------------------------|---------|

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 70

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 103747

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Clitoral Gland	* Lymph Node, Mandibular
------------------	--------------------------

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 71

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 6.25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103748

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex  
Vagina

Brain

\* Ovary

\* Uterus

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

**OBSERVATIONS**

Spleen

[ Hyperplasia TGLs = 1-6 ]

Hyperplasia

Lymphoid, Focal, Minimal

---



Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 72

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 6.25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103749

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Brain

\* Ovary

\* Uterus

Vagina

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 73

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 6.25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103750

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Brain

\* Ovary

\* Uterus

Vagina

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 74

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 6.25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103751

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Brain

\* Ovary

\* Uterus

Vagina

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 75

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 6.25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103752

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Brain

\* Ovary

\* Uterus

Vagina

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 76

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 6.25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103753

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Brain

\* Ovary

\* Uterus

Vagina

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 77

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 6.25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103754

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex  
Vagina

Brain

\* Ovary

\* Uterus

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 78

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 6.25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103755

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Brain

\* Ovary

\* Uterus

Vagina

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 79

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 6.25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103756

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Brain

\* Ovary

\* Uterus

Vagina

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---



Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 80

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 6.25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103757

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex  
Vagina

Brain

\* Ovary

\* Uterus

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 81

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103758

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Brain

\* Ovary

\* Uterus

Vagina

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 82

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103759

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Brain

\* Ovary

\* Uterus

Vagina

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 83

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103760

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex  
Vagina

Brain

\* Ovary

\* Uterus

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 84

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103761

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Brain

\* Ovary

Vagina

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

**OBSERVATIONS**

\* Uterus

Dilatation

Minimal

[ Dilatation TGLs = 1-7 ]

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 85

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103762

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Brain

\* Ovary

\* Uterus

Vagina

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 86

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103763

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Brain

\* Ovary

\* Uterus

Vagina

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 87

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103764

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Brain

\* Ovary

\* Uterus

Vagina

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---



Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 88

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103765

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Brain

\* Ovary

\* Uterus

Vagina

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 89

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103766

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Brain

\* Ovary

\* Uterus

Vagina

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

---

**ANIMAL ID:** 90

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 12.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103767

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

Brain

\* Ovary

\* Uterus

Vagina

---

**MISSING**

Peripheral Nerve

Skeletal Muscle

Spinal Cord

---

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 91

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 103768

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus	Vagina	

**MISSING**

* Peripheral Nerve	Skeletal Muscle	Spinal Cord
--------------------	-----------------	-------------

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 92

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 103769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Brain
- \* Gallbladder
- \* Intestine Large, Colon
- \* Intestine Small, Jejunum
- \* Lymph Node, Mesenteric
- \* Pancreas
- \* Skin
- \* Thymus
- \* Uterus
- \* Adrenal Medulla
- \* Clitoral Gland
- \* Harderian Gland
- \* Intestine Large, Rectum
- \* Kidney
- \* Mammary Gland
- \* Parathyroid Gland
- \* Spleen
- \* Thyroid Gland
- Vagina
- \* Bone
- \* Esophagus
- \* Heart
- \* Intestine Small, Duodenum
- \* Liver
- \* Nose
- \* Pituitary Gland
- \* Stomach, Forestomach
- \* Trachea
- \* Bone Marrow
- \* Eye
- \* Intestine Large, Cecum
- \* Intestine Small, Ileum
- \* Lymph Node, Mandibular
- \* Ovary
- \* Salivary Glands
- \* Stomach, Glandular
- \* Urinary Bladder

MISSING

- \* Peripheral Nerve
- Skeletal Muscle
- Spinal Cord

OBSERVATIONS

- \* Lung
- Infiltration Cellular
- Inflammation
- Histiocyte, Focal, Mild
- Acute, Mild

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 93

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103770

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Lung                      | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Mammary Gland           | * Nose                      | * Ovary                  |
| * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |
| * Uterus                   | Vagina                    |                             |                          |

**MISSING**

- |                    |                 |             |
|--------------------|-----------------|-------------|
| * Peripheral Nerve | Skeletal Muscle | Spinal Cord |
|--------------------|-----------------|-------------|

**OBSERVATIONS**

- |         |                                  |         |
|---------|----------------------------------|---------|
| * Liver | Hematopoietic Cell Proliferation | Minimal |
|---------|----------------------------------|---------|

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 99037 - 04  
Test Type: 90-DAY  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
alpha/beta Thujone mixture  
CAS Number: 76231-76-0

Date Report Requested: 09/20/2016  
Time Report Requested: 15:14:27  
First Dose M/F: 08/14/02 / 08/15/02  
Lab: SRI

ANIMAL ID: 94

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 103771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus	Vagina		

MISSING

* Peripheral Nerve	Skeletal Muscle	Spinal Cord
--------------------	-----------------	-------------

OBSERVATIONS

* Liver	Hematopoietic Cell Proliferation	Minimal
---------	----------------------------------	---------

Experiment Number: 99037 - 04  
Test Type: 90-DAY  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
alpha/beta Thujone mixture  
CAS Number: 76231-76-0

Date Report Requested: 09/20/2016  
Time Report Requested: 15:14:27  
First Dose M/F: 08/14/02 / 08/15/02  
Lab: SRI

ANIMAL ID: 95

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 103772

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus	Vagina	

**MISSING**

* Peripheral Nerve	Skeletal Muscle	Spinal Cord
--------------------	-----------------	-------------



Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 96

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103773

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Salivary Glands	Skeletal Muscle	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus	Vagina		

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 97

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 103774

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland
* Salivary Glands	Skeletal Muscle	* Skin	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
Vagina			

**OBSERVATIONS**

* Liver	Hematopoietic Cell Proliferation	Minimal
---------	----------------------------------	---------

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 98

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103775

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Salivary Glands	Skeletal Muscle	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus	Vagina		

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 99

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103776

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Salivary Glands	Skeletal Muscle	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus	Vagina		

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 100

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103777

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Salivary Glands	Skeletal Muscle	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
Vagina			

**OBSERVATIONS**

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

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 101

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 65

**DOSE:** 50 MG/KG

**DISP:** Natural Death

**HISTO:** 103778

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Lymph Node, Mandibular    | * Lymph Node, Mesenteric |
| * Mammary Gland            | * Nose                    | * Ovary                     | * Pancreas               |
| * Parathyroid Gland        | * Peripheral Nerve        | * Pituitary Gland           | * Salivary Glands        |
| * Skeletal Muscle          | * Skin                    | * Spinal Cord               | * Spleen                 |
| * Stomach, Forestomach     | * Stomach, Glandular      | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         | * Uterus                    | Vagina                   |

**OBSERVATIONS**

- |         |                                  |         |
|---------|----------------------------------|---------|
| * Liver | Hematopoietic Cell Proliferation | Minimal |
| * Lung  | Hemorrhage                       | Minimal |

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 102

TRT#: 10

SEX: Female

DAY ON TEST: 63

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 103779

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**AUTO PRECLUDES DIAG.**

- \* Intestine Small, Jejunum

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 103

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 72

**DOSE:** 50 MG/KG

**DISP:** Natural Death

**HISTO:** 103780

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Lymph Node, Mandibular    | * Lymph Node, Mesenteric |
| * Mammary Gland            | * Nose                    | * Ovary                     | * Pancreas               |
| * Parathyroid Gland        | * Peripheral Nerve        | * Pituitary Gland           | * Salivary Glands        |
| * Skeletal Muscle          | * Skin                    | * Spinal Cord               | * Spleen                 |
| * Stomach, Forestomach     | * Stomach, Glandular      | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         | * Uterus                    | Vagina                   |

**OBSERVATIONS**

- |         |                                  |         |
|---------|----------------------------------|---------|
| * Liver | Hematopoietic Cell Proliferation | Minimal |
| * Lung  | Congestion                       | Mild    |



Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 104

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 103781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | * Bone                   | * Bone Marrow              |
| * 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 |
| * Kidney                  | * Liver                     | * Lung                   | * Lymph Node, Mandibular   |
| * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   | * Pancreas                 |
| * Parathyroid Gland       | * Peripheral Nerve          | * Pituitary Gland        | * Salivary Glands          |
| * Skeletal Muscle         | * Skin                      | * Spinal Cord            | * Spleen                   |
| * Stomach, Forestomach    | * Stomach, Glandular        | * Thymus                 | * Thyroid Gland            |
| * Trachea                 | * Urinary Bladder           | * Uterus                 | Vagina                     |

OBSERVATIONS

- |         |                 |                |
|---------|-----------------|----------------|
| * Brain | Inflammation    | Acute, Minimal |
| * Ovary | Teratoma Benign |                |

[ Teratoma Benign TGLs = 1-7 ]

Animal Note: TGL 2 = NCL (No Corresponding Lesion)

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 105

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 75

**DOSE:** 50 MG/KG

**DISP:** Natural Death

**HISTO:** 103782

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skeletal Muscle	* Skin	* Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
Vagina			

**OBSERVATIONS**

* Lung	Hemorrhage	Minimal
--------	------------	---------

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 106

TRT#: 10

SEX: Female

DAY ON TEST: 83

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 103783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla         | * Bone                      | * Bone Marrow            | * Brain                    |
| * 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 |
| * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Mammary Gland          | * Nose                     |
| * Ovary                   | * Pancreas                  | * Parathyroid Gland      | * Peripheral Nerve         |
| * Pituitary Gland         | * Salivary Glands           | * Skeletal Muscle        | * Skin                     |
| * Spinal Cord             | * Spleen                    | * Stomach, Forestomach   | * Stomach, Glandular       |
| * Thymus                  | * Thyroid Gland             | * Trachea                | * Urinary Bladder          |
| * Uterus                  | Vagina                      |                          |                            |

OBSERVATIONS

- |                  |                                   |         |
|------------------|-----------------------------------|---------|
| * Adrenal Cortex | Accessory Adrenal Cortical Nodule | Mild    |
| * Kidney         | Nephropathy                       | Minimal |
| * Liver          | Hematopoietic Cell Proliferation  | Minimal |
| * Lung           | Congestion                        | Minimal |

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 107

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 76

**DOSE:** 50 MG/KG

**DISP:** Natural Death

**HISTO:** 103784

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Intestine Small, Jejunum

**AUTO PRECLUDES DIAG.**

\* Intestine Small, Duodenum

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 108

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 103785

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skeletal Muscle	* Skin
* Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus	Vagina		

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 109

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 103786

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skeletal Muscle	* Skin
* Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus	Vagina		

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 110

TRT#: 10

SEX: Female

DAY ON TEST: 75

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 103787

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Lung                      | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Mammary Gland           | * Nose                      | * Ovary                  |
| * Pancreas                 | * Parathyroid Gland       | * Peripheral Nerve          | * Pituitary Gland        |
| * Salivary Glands          | * Skeletal Muscle         | * Skin                      | * Spinal Cord            |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           | * Uterus                 |
| Vagina                     |                           |                             |                          |

**OBSERVATIONS**

- |         |                                  |         |
|---------|----------------------------------|---------|
| * Liver | Hematopoietic Cell Proliferation | Minimal |
|---------|----------------------------------|---------|

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 111

TRT#: 12

SEX: Female

DAY ON TEST: 51

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 103788

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Liver                     | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Mammary Gland           | * Nose                      | * Ovary                  |
| * Pancreas                 | * Parathyroid Gland       | * Peripheral Nerve          | * Pituitary Gland        |
| * Salivary Glands          | * Skeletal Muscle         | * Skin                      | * Spinal Cord            |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           | * Uterus                 |
| Vagina                     |                           |                             |                          |

**OBSERVATIONS**

- |        |            |      |
|--------|------------|------|
| * Lung | Congestion | Mild |
|--------|------------|------|



Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 112

TRT#: 12

SEX: Female

DAY ON TEST: 49

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 103789

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * 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 | * Kidney                  | * Liver                     | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Mammary Gland           | * Nose                      | * Ovary                  |
| * Pancreas                 | * Parathyroid Gland       | * Peripheral Nerve          | * Pituitary Gland        |
| * Salivary Glands          | * Skeletal Muscle         | * Skin                      | * Spinal Cord            |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           | * Uterus                 |
| Vagina                     |                           |                             |                          |

**OBSERVATIONS**

- |        |            |         |
|--------|------------|---------|
| * Lung | Congestion | Minimal |
|--------|------------|---------|

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

**ANIMAL ID:** 113

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 42

**DOSE:** 75 MG/KG

**DISP:** Natural Death

**HISTO:** 103790

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skeletal Muscle	* Skin
* Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus	Vagina		

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 114

TRT#: 12

SEX: Female

DAY ON TEST: 48

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 103791

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skeletal Muscle	* Skin	* Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
Vagina			

**MISSING**

\* Parathyroid Gland

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 115

TRT#: 12

SEX: Female

DAY ON TEST: 48

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 103792

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skeletal Muscle	* Skin
* Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus	Vagina		

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 116

TRT#: 12

SEX: Female

DAY ON TEST: 56

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 103793

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skeletal Muscle	* Skin	* Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
Vagina			

**OBSERVATIONS**

* Lung	Congestion	Mild
--------	------------	------

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 117

TRT#: 12

SEX: Female

DAY ON TEST: 51

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 103794

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skeletal Muscle	* Skin
* Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus	Vagina		

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 118

TRT#: 12

SEX: Female

DAY ON TEST: 51

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 103795

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	Vagina

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

\* Liver

Hematopoietic Cell Proliferation

Minimal

Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 119

TRT#: 12

SEX: Female

DAY ON TEST: 42

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 103796

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skeletal Muscle	* Skin	* Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
Vagina			

**OBSERVATIONS**

\* Liver

Hepatodiaphragmatic Nodule

[ Hepatodiaphragmatic Nodule TGLs = 2-21 ]



Experiment Number: 99037 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

alpha/beta Thujone mixture

CAS Number: 76231-76-0

Date Report Requested: 09/20/2016

Time Report Requested: 15:14:27

First Dose M/F: 08/14/02 / 08/15/02

Lab: SRI

ANIMAL ID: 120

TRT#: 12

SEX: Female

DAY ON TEST: 49

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 103797

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* 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	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skeletal Muscle	* Skin	* Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
Vagina			

**OBSERVATIONS**

* Liver	Hematopoietic Cell Proliferation	Minimal
---------	----------------------------------	---------

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