

**Experiment Number:** 20007 - 04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 09/13/2016  
**Time Report Requested:** 11:24:53  
**First Dose M/F:** 09/18/03 / 09/17/03  
**Lab:** BAT

**NTP Study Number:** C20007  
**Lock Date:** 05/24/2004  
**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: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

**ANIMAL ID:** 1

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304922

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * Kidney                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Nose                   | * Pancreas                 | * 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 | * Parathyroid Gland |
|-----------------|---------------------|

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

**ANIMAL ID:** 2

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304923

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* 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	* Islets, Pancreatic	* 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

**OBSERVATIONS**

* Liver	Inflammation	Chronic, Minimal
---------	--------------	------------------

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 3

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * Lung                      | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Nose                    | * Pituitary Gland           | * Preputial Gland        |
| * Prostate                 | * Salivary Glands         | * Seminal Vesicle           | * Skin                   |
| * Spleen                   | * Stomach, Forestomach    | * Testes                    | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           |                          |

MISSING

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

OBSERVATIONS

- |                      |             |                |                  |
|----------------------|-------------|----------------|------------------|
| * Adrenal Cortex     | Subcapsular | Hyperplasia    | Minimal          |
| * Kidney             |             | Mineralization | Minimal          |
| * Liver              |             | Inflammation   | Chronic, Minimal |
| * Pancreas           | Artery      | Inflammation   | Minimal          |
| * Stomach, Glandular |             | Inflammation   | Mild             |

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * Kidney                    | * 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

OBSERVATIONS

- |                  |              |                         |
|------------------|--------------|-------------------------|
| * Adrenal Cortex | Hypertrophy  | Minimal                 |
| * Liver          | Inflammation | Chronic, Minimal        |
| * Lung           | Inflammation | Chronic Active, Minimal |

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 5

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304926

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * 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
-

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- \* Mammary Gland

OBSERVATIONS

- \* Adrenal Cortex                      Subcapsular                      Hyperplasia                      Minimal
- \* Kidney                                      Nephropathy                      Minimal
- \* Liver    Inflammation                      Chronic, Minimal

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * 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

OBSERVATIONS

- |                  |             |                |         |
|------------------|-------------|----------------|---------|
| * Adrenal Cortex | Subcapsular | Hyperplasia    | Minimal |
| * Kidney         |             | Mineralization | Minimal |
|                  |             | Nephropathy    | Minimal |

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * Kidney                    | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      | * Pancreas               |
| * 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 | * Parathyroid Gland |
|-----------------|---------------------|

OBSERVATIONS

- |                  |             |              |                  |
|------------------|-------------|--------------|------------------|
| * Adrenal Cortex | Subcapsular | Hyperplasia  | Minimal          |
| * Liver          |             | Inflammation | Chronic, Minimal |

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * 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

OBSERVATIONS

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

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      |
| * Pancreas               | * 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

- |                     |              |                  |
|---------------------|--------------|------------------|
| * Liver             | Inflammation | Chronic, Minimal |
| * Parathyroid Gland | Cyst         |                  |

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 11

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304932

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 12

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304933

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 13

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304934

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

\* Liver

Spleen

Thymus

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 14

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304935

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 15

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304936

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

\* Liver

Spleen

Thymus

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 16

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304937

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 17

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304938

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

\* Liver

Spleen

Thymus

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 18

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304939

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 19

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304940

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 20

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304941

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

Necrosis

Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 21

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304942

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 22

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304943

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

\* Liver

Spleen

Thymus

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 23

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304944

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

\* Liver

Spleen

Thymus

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 24

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304945

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 25

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304946

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

\* Liver

Spleen

Thymus

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 26

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304947

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 27

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304948

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

\* Liver

Spleen

Thymus

---

**Experiment Number:** 20007 - 04

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

**CAS Number:** 9000-38-8

**Date Report Requested:** 09/13/2016

**Time Report Requested:** 11:24:53

**First Dose M/F:** 09/18/03 / 09/17/03

**Lab:** BAT

---

**ANIMAL ID:** 28

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304949

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

\* Liver

Spleen

Thymus

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 29

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304950

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 30

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304951

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

\* Liver

Spleen

Thymus

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 31

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304952

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy

Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 32

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304953

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy  
Inflammation

Minimal  
Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 33

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304954

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy  
Inflammation

Minimal  
Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 34

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304955

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy  
Inflammation

Minimal  
Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 35

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304956

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy  
Inflammation

Minimal  
Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 36

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304957

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy  
Inflammation

Minimal  
Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 37

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304958

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy

Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 38

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304959

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

Necrosis

Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 39

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304960

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy

Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 40

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304961

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy  
Inflammation

Minimal  
Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 41

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304962

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy

Mild

Inflammation

Chronic, Minimal

Necrosis

Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 42

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304963

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy

Mild

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 43

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304964

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy

Mild

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 44

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304965

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy  
Inflammation

Mild  
Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 45

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304966

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy  
Inflammation

Mild  
Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 46

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304967

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy  
Inflammation

Mild  
Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 47

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304968

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy

Mild

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 48

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304969

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy  
Inflammation

Mild  
Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 49

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304970

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy  
Inflammation

Mild  
Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 50

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304971

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy  
Inflammation

Mild  
Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 51

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * 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

OBSERVATIONS

- |         |               |              |                  |
|---------|---------------|--------------|------------------|
| * Liver | Centrilobular | Hypertrophy  | Moderate         |
|         |               | Inflammation | Chronic, Minimal |
|         |               | Necrosis     | Minimal          |

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 52

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * 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     | * Testes                  | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         |                             |                          |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |                      |               |              |                  |
|----------------------|---------------|--------------|------------------|
| * Adrenal Cortex     | Subcapsular   | Hyperplasia  | Minimal          |
|                      |               | Hypertrophy  | Minimal          |
| * Liver              | Centrilobular | Hypertrophy  | Moderate         |
|                      |               | Inflammation | Chronic, Minimal |
|                      |               | Necrosis     | Minimal          |
| * Stomach, Glandular |               | Inflammation | Minimal          |

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 53

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * 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

OBSERVATIONS

- |                  |               |              |                  |
|------------------|---------------|--------------|------------------|
| * Adrenal Cortex | Subcapsular   | Hyperplasia  | Minimal          |
| * Liver          | Centrilobular | Hypertrophy  | Moderate         |
|                  |               | Inflammation | Chronic, Minimal |
|                  |               | Necrosis     | Minimal          |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 54

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- \* Mammary Gland
- \* Parathyroid Gland

OBSERVATIONS

- \* Adrenal Cortex                      Subcapsular                      Hyperplasia                      Minimal
- \* Liver                                      Centrilobular                      Hypertrophy                      Moderate

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 55

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- \* Mammary Gland
- \* Parathyroid Gland

OBSERVATIONS

- \* Adrenal Cortex
- \* Liver
- Subcapsular
- Centrilobular
- Hyperplasia
- Hypertrophy
- Inflammation
- Minimal
- Mild
- Chronic, Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 56

TRT#: 11

SEX: Male

DAY ON TEST: 6

DOSE: 2.0 G/KG

DISP: Natural Death

HISTO: 0304977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- \* Mammary Gland

OBSERVATIONS

- |                        |               |                |               |
|------------------------|---------------|----------------|---------------|
| * Liver                | Centrilobular | Hypertrophy    | Minimal       |
| * Stomach, Forestomach |               | Inflammation   | Chronic, Mild |
|                        |               | Mineralization | Minimal       |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 57

TRT#: 11

SEX: Male

DAY ON TEST: 2

DOSE: 2.0 G/KG

DISP: Natural Death

HISTO: 0304978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * Kidney                    |
| * Lung                   | * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Nose                      |
| * Pancreas               | * Pituitary Gland          | * Preputial Gland         | * Prostate                  |
| * Salivary Glands        | * Seminal Vesicle          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Stomach, Glandular       | * Testes                  | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder          |                           |                             |

MISSING

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

OBSERVATIONS

- |                                 |          |         |
|---------------------------------|----------|---------|
| * Eye                           |          |         |
| Note: Optic nerves were missing |          |         |
| * Liver                         | Necrosis | Minimal |
| * Thymus                        | Necrosis | Minimal |

PRIMARY CAUSE OF DEATH - UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 58

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * 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

OBSERVATIONS

- |                  |               |                            |                           |
|------------------|---------------|----------------------------|---------------------------|
| * Adrenal Cortex | Subcapsular   | Hyperplasia<br>Hypertrophy | Minimal<br>Focal, Minimal |
| * Liver          | Centrilobular | Hypertrophy                | Moderate                  |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 59

TRT#: 11

SEX: Male

DAY ON TEST: 3

DOSE: 2.0 G/KG

DISP: Natural Death

HISTO: 0304980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Adrenal Medulla
- \* Blood Vessel
- \* 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
- \* Islets, Pancreatic
- \* Kidney
- \* Liver
- \* 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
- \* Thyroid Gland
- \* Trachea
- \* Urinary Bladder

MISSING

- \* Mammary Gland

OBSERVATIONS

- \* Adren Cortex
  - Note: One adrenal gland was missing
- \* Epididymis
  - Note: One epididymis has markedly decreased sperm in lumen
- \* Lung
  - [ Congestion TGLs = 2-3 ] Congestion Moderate
- \* Testes
  - [ Hypoplasia TGLs = 1-7 ] Hypoplasia Moderate
- \* Thymus
  - Necrosis Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 61

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304982

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * 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                  |                             |                          |

**OBSERVATIONS**

- |                  |             |              |                  |
|------------------|-------------|--------------|------------------|
| * Adrenal Cortex | Subcapsular | Hyperplasia  | Mild             |
| * Liver          |             | Inflammation | Chronic, Minimal |

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 62

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * Kidney                    | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Ovary                    | * Pancreas                | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |                  |             |              |                  |
|------------------|-------------|--------------|------------------|
| * Adrenal Cortex | Subcapsular | Hyperplasia  | Minimal          |
| * Liver          |             | Inflammation | Chronic, Minimal |

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 63

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Mammary Gland          |
| * Nose                     | * Ovary                   | * Pancreas                  | * Parathyroid Gland      |
| * Pituitary Gland          | * Salivary Glands         | * Skin                      | * Spleen                 |
| * Stomach, Forestomach     | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          | * Uterus                  |                             |                          |

OBSERVATIONS

- |                      |             |             |         |
|----------------------|-------------|-------------|---------|
| * Adrenal Cortex     | Subcapsular | Hyperplasia | Minimal |
| * Stomach, Glandular |             | Cyst        |         |

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 64

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * Kidney                    | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Ovary                    | * Pituitary Gland         | * Salivary Glands           | * Skin                   |
| * Spleen                   | * Stomach, Forestomach    | * Stomach, Glandular        | * Thymus                 |
| * Thyroid Gland            | * Trachea                 | * Urinary Bladder           | * Uterus                 |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |                  |             |                           |                  |
|------------------|-------------|---------------------------|------------------|
| * Adrenal Cortex | Subcapsular | Hyperplasia               | Mild             |
| * Liver          |             | Inflammation              | Chronic, Minimal |
| * Pancreas       | Acinus      | Vacuolization Cytoplasmic | Mild             |

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 65

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304986

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * 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                  |                             |                          |

OBSERVATIONS

- |                  |             |              |                  |
|------------------|-------------|--------------|------------------|
| * Adrenal Cortex | Subcapsular | Hyperplasia  | Mild             |
| * Liver          |             | Inflammation | Chronic, Minimal |

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 66

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * Kidney                    | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Ovary                    | * Pancreas                | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |                  |             |              |                  |
|------------------|-------------|--------------|------------------|
| * Adrenal Cortex | Subcapsular | Hyperplasia  | Minimal          |
| * Liver          |             | Inflammation | Chronic, Minimal |

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 67

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * 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                  |                             |                          |

OBSERVATIONS

- |                  |             |              |                  |
|------------------|-------------|--------------|------------------|
| * Adrenal Cortex | Subcapsular | Hyperplasia  | Minimal          |
| * Liver          |             | Inflammation | Chronic, Minimal |

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 68

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * 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                  |                             |                          |

OBSERVATIONS

- |                  |             |              |                  |
|------------------|-------------|--------------|------------------|
| * Adrenal Cortex | Subcapsular | Hyperplasia  | Minimal          |
| * Liver          |             | Inflammation | Chronic, Minimal |

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 69

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * 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                  |                             |                          |

OBSERVATIONS

- |                  |             |              |                  |
|------------------|-------------|--------------|------------------|
| * Adrenal Cortex | Subcapsular | Hyperplasia  | Minimal          |
| * Liver          |             | Inflammation | Chronic, Minimal |

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 70

TRT#: 2

SEX: Female

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0304991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * 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                  |                             |                          |

OBSERVATIONS

- |                  |             |              |                  |
|------------------|-------------|--------------|------------------|
| * Adrenal Cortex | Subcapsular | Hyperplasia  | Minimal          |
| * Liver          |             | Inflammation | Chronic, Minimal |

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 71

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304992

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 72

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304993

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 73

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304994

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 74

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304995

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 75

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304996

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 76

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304997

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 77

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304998

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 78

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0304999

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

Liver

Inflammation

Chronic, Minimal

Necrosis

Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 79

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305000

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 80

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305001

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 81

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305002

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

Liver

Inflammation

Chronic, Minimal

Necrosis

Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 82

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305003

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 83

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305004

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 84

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305005

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 85

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305006

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 86

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305007

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 87

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305008

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 88

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305009

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 89

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305010

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 90

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305011

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 91

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305012

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

**Experiment Number:** 20007 - 04

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

**CAS Number:** 9000-38-8

**Date Report Requested:** 09/13/2016

**Time Report Requested:** 11:24:53

**First Dose M/F:** 09/18/03 / 09/17/03

**Lab:** BAT

---

**ANIMAL ID:** 92

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305013

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

\* Liver

Spleen

Thymus

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 93

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305014

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 94

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305015

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 95

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305016

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 96

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305017

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

Necrosis

Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 97

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305018

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy  
Inflammation

Minimal  
Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 98

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305019

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 99

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305020

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 100

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305021

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy  
Inflammation

Minimal  
Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 101

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305022

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 102

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305023

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy  
Inflammation

Minimal  
Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 103

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305024

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 104

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305025

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy  
Inflammation

Minimal  
Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 105

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305026

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 106

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305027

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy  
Inflammation

Minimal  
Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 107

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305028

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 108

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305029

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 109

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305030

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy

Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

---

**ANIMAL ID:** 110

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0305031

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone Marrow

Spleen

Thymus

---

**OBSERVATIONS**

\* Liver

Centrilobular

Hypertrophy

Minimal

---

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 111

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0305032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * Kidney                    | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Ovary                    | * Pancreas                | * Parathyroid Gland         | * Pituitary Gland        |
| * Salivary Glands          | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

OBSERVATIONS

- |                  |               |              |                  |
|------------------|---------------|--------------|------------------|
| * Adrenal Cortex | Subcapsular   | Hyperplasia  | Minimal          |
| * Liver          | Centrilobular | Hypertrophy  | Minimal          |
|                  |               | Inflammation | Chronic, Minimal |
| * Skin           |               | Inflammation | Minimal          |

Note: Inflammation was present in association with the Clitoral Gland.

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 112

TRT#: 12

SEX: Female

DAY ON TEST: 2

DOSE: 2.0 G/KG

DISP: Natural Death

HISTO: 0305033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                             |                          |                            |                           |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Medulla           | * Blood Vessel           | * Bone                     | * Bone Marrow             |
| * Brain                     | * Clitoral Gland         | * Gallbladder              | * Harderian Gland         |
| * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      |
| * Kidney                    | * Liver                  | * Lung                     | * Lymph Node, Mandibular  |
| * Lymph Node, Mesenteric    | * Mammary Gland          | * Nose                     | * Ovary                   |
| * Pancreas                  | * Parathyroid Gland      | * Pituitary Gland          | * Salivary Glands         |
| * Skin                      | * Spleen                 | * Thyroid Gland            | * Trachea                 |
| * Uterus                    |                          |                            |                           |

INSUFFICIENT TISSUE

- \* Urinary Bladder

OBSERVATIONS

- |                        |             |                |             |
|------------------------|-------------|----------------|-------------|
| * Adrenal Cortex       | Subcapsular | Hyperplasia    | Minimal     |
| * Esophagus            |             | Hemorrhage     | Moderate    |
|                        |             | Inflammation   | Acute, Mild |
| * Stomach, Forestomach |             | Mineralization | Minimal     |
| * Stomach, Glandular   |             | Mineralization | Mild        |
| * Thymus               |             | Necrosis       | Moderate    |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 113

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0305034

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* 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	* Islets, Pancreatic	* 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		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
		Inflammation	Chronic, Minimal

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 114

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0305035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * Kidney                    | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Ovary                    | * Parathyroid Gland       | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

OBSERVATIONS

- |                  |             |                           |                  |
|------------------|-------------|---------------------------|------------------|
| * Adrenal Cortex | Subcapsular | Hyperplasia               | Minimal          |
| * Liver          |             | Inflammation              | Chronic, Minimal |
| * Pancreas       | Acinus      | Vacuolization Cytoplasmic | Mild             |

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 115

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0305036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * Kidney                    | * Lung                   |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Nose                   |
| * Ovary                    | * Pancreas                | * Parathyroid Gland         | * Pituitary Gland        |
| * Salivary Glands          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

OBSERVATIONS

- |                      |               |              |                  |
|----------------------|---------------|--------------|------------------|
| * Adrenal Cortex     | Subcapsular   | Hyperplasia  | Minimal          |
| * Liver              | Centrilobular | Hypertrophy  | Mild             |
|                      |               | Inflammation | Chronic, Minimal |
| * Stomach, Glandular |               | Inflammation | Chronic, Minimal |

Experiment Number: 20007 - 04  
Test Type: 90-DAY  
Route: GAVAGE  
Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract  
CAS Number: 9000-38-8

Date Report Requested: 09/13/2016  
Time Report Requested: 11:24:53  
First Dose M/F: 09/18/03 / 09/17/03  
Lab: BAT

**ANIMAL ID:** 116

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 2

**DOSE:** 2.0 G/KG

**DISP:** Natural Death

**HISTO:** 0305037

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* 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	* Islets, Pancreatic	* 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	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
------------------	-------------	-------------	---------

PRIMARY CAUSE OF DEATH - UNCERTAIN

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 117

TRT#: 12

SEX: Female

DAY ON TEST: 2

DOSE: 2.0 G/KG

DISP: Natural Death

HISTO: 0305038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * Kidney                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    |
| * Nose                   | * Ovary                    | * Pancreas                | * Parathyroid Gland         |
| * Pituitary Gland        | * Salivary Glands          | * Skin                    | * Spleen                    |
| * Stomach, Forestomach   | * Trachea                  | * Urinary Bladder         | * Uterus                    |

MISSING

- \* Mammary Gland

OBSERVATIONS

- |                      |          |         |
|----------------------|----------|---------|
| * Stomach, Glandular | Cyst     |         |
| * Thymus             | Necrosis | Minimal |
| * Thyroid Gland      | Cyst     |         |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 118

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0305039

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* 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	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Eye			
Note: Optic nerves were missing			
* Liver	Centrilobular	Hypertrophy	Minimal
* Pancreas	Acinus	Vacuolization Cytoplasmic	Mild



Experiment Number: 20007 - 04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/13/2016

Time Report Requested: 11:24:53

First Dose M/F: 09/18/03 / 09/17/03

Lab: BAT

ANIMAL ID: 120

TRT#: 12

SEX: Female

DAY ON TEST: 37

DOSE: 2.0 G/KG

DISP: Dosing Accident

HISTO: 0305041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla          | * Blood Vessel            | * 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 | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * 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                  |                             |                          |

OBSERVATIONS

- |                           |             |             |          |
|---------------------------|-------------|-------------|----------|
| * Adrenal Cortex          | Subcapsular | Hyperplasia | Minimal  |
| * Lung                    |             | Congestion  | Moderate |
| [ Congestion TGLs = 2-3 ] |             |             |          |

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