

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>C Number:</b>	C20007
<b>Lock Date:</b>	04/22/2003
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> 0 G/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0302550

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

<b>NORMAL</b>			
* Brain	* Kidney	* Liver	* Lung

---

<b>PRIMARY CAUSE OF DEATH</b>	-
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---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

**ANIMAL ID:** 2

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302551

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Brain

\* Kidney

\* Liver

\* Lung

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> 0 G/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0302552

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

<b>NORMAL</b>			
* Brain	* Kidney	* Lung	

---

---

<b>OBSERVATIONS</b>			
* Liver	Inflammation	Chronic, Minimal	

---

---

<b>PRIMARY CAUSE OF DEATH</b>	-		
-------------------------------	---	--	--

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> 0 G/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0302553

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Brain

\* Kidney

\* Lung

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> 0 G/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0302554

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Brain

\* Kidney

\* Lung

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

**ANIMAL ID:** 11

**TRT#:** 3

**DOSE:** 0.125 G/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:** 0302560

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 12

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302561

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

**ANIMAL ID:** 13

**TRT#:** 3

**DOSE:** 0.125 G/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:** 0302562

---

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

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

**ANIMAL ID:** 14

**TRT#:** 3

**DOSE:** 0.125 G/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:** 0302563

---

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

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 15

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302564

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 21

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302570

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 22

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302571

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 23

**TRT#:** 5

**DOSE:** 0.25 G/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:** 0302572

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 24

**TRT#:** 5

**DOSE:** 0.25 G/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:** 0302573

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 25

**TRT#:** 5

**DOSE:** 0.25 G/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:** 0302574

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 31

**TRT#:** 7

**DOSE:** 0.5 G/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:** 0302580

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

**ANIMAL ID:** 32

**TRT#:** 7

**DOSE:** 0.5 G/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:** 0302581

---

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

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 33

**TRT#:** 7

**DOSE:** 0.5 G/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:** 0302582

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 34

**TRT#:** 7

**DOSE:** 0.5 G/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:** 0302583

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 35

**TRT#:** 7

**DOSE:** 0.5 G/KG

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:** 0302584

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

**ANIMAL ID:** 41

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302590

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

**ANIMAL ID:** 42

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302591

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

**ANIMAL ID:** 43

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302592

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

**ANIMAL ID:** 44

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302593

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

**ANIMAL ID:** 45

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302594

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

**ANIMAL ID:** 51

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 2

**DOSE:** 2.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:** 0302600

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Brain

\* Kidney

\* Lung

---

**OBSERVATIONS**

\* Liver

Depletion Glycogen

Marked

---

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 52	<b>TRT#:</b> 11	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> 2.0 G/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0302601

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Brain	* Lung
---------	--------

---

**OBSERVATIONS**

* Kidney	Cortex, Renal Tubule	Regeneration	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

**ANIMAL ID:** 53

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 3

**DOSE:** 2.0 G/KG

**DISP:** Natural Death

**HISTO:** 0302602

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Brain

\* Kidney

\* Lung

---

**OBSERVATIONS**

\* Liver

Depletion Glycogen

Marked

Inflammation

Chronic, Minimal

---

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

**ANIMAL ID:** 54

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 18

**DOSE:** 2.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302603

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Brain

\* Kidney

\* Lung

---

**OBSERVATIONS**

\* Liver

Hepatocyte

Hypertrophy

Minimal

Inflammation

Chronic, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 55	<b>TRT#:</b> 11	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> 2.0 G/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0302604

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

<b>NORMAL</b>			
* Brain	* Kidney	* Lung	
<b>OBSERVATIONS</b>			
* Liver	Hepatocyte	Hypertrophy Inflammation	Minimal Chronic, Minimal
<b>PRIMARY CAUSE OF DEATH</b>	-		

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> 0 G/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0302555

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

<b>NORMAL</b>			
* Brain	* Kidney	* Lung	

---

<b>OBSERVATIONS</b>			
* Liver	Inflammation	Chronic, Minimal	

---

<b>PRIMARY CAUSE OF DEATH</b>	-		
-------------------------------	---	--	--

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> 0 G/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0302556

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

<b>NORMAL</b>			
* Brain	* Kidney	* Lung	

---

<b>OBSERVATIONS</b>			
* Liver	Inflammation	Chronic, Minimal	

---

<b>PRIMARY CAUSE OF DEATH</b>	-		
-------------------------------	---	--	--

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> 0 G/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0302557

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Brain \* Lung

---

**OBSERVATIONS**

* Kidney	Medulla, Renal Tubule	Regeneration	Minimal
* Liver		Inflammation	Chronic, Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

<b>ANIMAL ID:</b> 9	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> 0 G/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0302558

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

<b>NORMAL</b>	
* Brain	* Lung

---

---

<b>OBSERVATIONS</b>		
* Kidney	Inflammation	Chronic, Minimal
* Liver	Inflammation	Chronic, Minimal

---

---

<b>PRIMARY CAUSE OF DEATH</b>	-
-------------------------------	---

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

**ANIMAL ID:** 10

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302559

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Brain

\* Kidney

\* Liver

\* Lung

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 16

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302565

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 17

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302566

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 18

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302567

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 19

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302568

---

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

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 20

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 0.125 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302569

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 26

**TRT#:** 6

**DOSE:** 0.25 G/KG

**SEX:** Female

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:** 0302575

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 27

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302576

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 28

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302577

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 29

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 0.25 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302578

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 30

**TRT#:** 6

**DOSE:** 0.25 G/KG

**SEX:** Female

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:** 0302579

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 36

**TRT#:** 8

**DOSE:** 0.5 G/KG

**SEX:** Female

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:** 0302585

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 37

**TRT#:** 8

**DOSE:** 0.5 G/KG

**SEX:** Female

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:** 0302586

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 38

**TRT#:** 8

**DOSE:** 0.5 G/KG

**SEX:** Female

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:** 0302587

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 39

**TRT#:** 8

**DOSE:** 0.5 G/KG

**SEX:** Female

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 18

**HISTO:** 0302588

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 40

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 0.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302589

---

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

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 46

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302595

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

**ANIMAL ID:** 47

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302596

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

**ANIMAL ID:** 48

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302597

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

**ANIMAL ID:** 49

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302598

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02

**Test Type:** 14-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Kava kava extract

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

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

**Time Report Requested:** 09:08:36

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

**Lab:** BAT

---

**ANIMAL ID:** 50

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 18

**DOSE:** 1.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:** 0302599

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic, Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 56	<b>TRT#:</b> 12	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> 2.0 G/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0302605

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Brain \* Lung

---

**OBSERVATIONS**

* Kidney		Inflammation	Chronic, Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 57	<b>TRT#:</b> 12	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> 2.0 G/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0302606

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

<b>NORMAL</b>			
* Brain	* Kidney	* Lung	
<b>OBSERVATIONS</b>			
* Liver	Hepatocyte	Hypertrophy Inflammation	Minimal Chronic, Minimal
<b>PRIMARY CAUSE OF DEATH</b>	-		

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 58	<b>TRT#:</b> 12	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> 2.0 G/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0302607

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

<b>NORMAL</b>			
* Brain	* Kidney	* Lung	
<b>OBSERVATIONS</b>			
* Liver	Hepatocyte	Hypertrophy Inflammation	Minimal Chronic, Minimal
<b>PRIMARY CAUSE OF DEATH</b>	-		

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 59	<b>TRT#:</b> 12	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> 2.0 G/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0302608

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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<b>NORMAL</b>			
* Brain	* Kidney	* Lung	
<b>OBSERVATIONS</b>			
* Liver	Hepatocyte	Hypertrophy Inflammation	Minimal Chronic, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20007-02  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 09:08:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 60	<b>TRT#:</b> 12	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 18
	<b>DOSE:</b> 2.0 G/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 0302609

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Brain

\* Kidney

\* Lung

**OBSERVATIONS**

\* Liver

Hepatocyte

Hypertrophy

Minimal

Inflammation

Chronic, Minimal

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PRIMARY CAUSE OF DEATH

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