

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

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
Kava kava extract  
**CAS Number:** 9000-38-8

**Date Report Requested:** 09/15/2016  
**Time Report Requested:** 15:39:43  
**First Dose M/F:** 02/18/03 / 02/18/03  
**Lab:** BAT

**NTP Study Number:** C20007  
**Lock Date:** 04/22/2003  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.3\_002  
**PWG Approval Date:** NONE

Experiment Number: 20007 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Kava kava extract

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First Dose M/F: 02/18/03 / 02/18/03

Lab: BAT

|                         |             |   |   |   |                 |   |
|-------------------------|-------------|---|---|---|-----------------|---|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0 | 0 | 0 | 0               | 0 |
|                         |             | 0 | 0 | 0 | 0               | 0 |
|                         |             | 1 | 1 | 1 | 1               | 1 |
|                         |             | 8 | 8 | 8 | 8               | 8 |
| <b>0 G/KG</b>           | ANIMAL ID   | 0 | 0 | 0 | 0               | 0 |
|                         |             | 0 | 0 | 0 | 0               | 0 |
|                         |             | 0 | 0 | 0 | 0               | 0 |
|                         |             | 0 | 0 | 0 | 0               | 0 |
|                         |             | 1 | 2 | 3 | 4               | 5 |
|                         |             |   |   |   | <b>* TOTALS</b> |   |

**ALIMENTARY SYSTEM**

|       |   |   |   |   |   |   |
|-------|---|---|---|---|---|---|
| Liver | + | + | + | + | + | 5 |
|-------|---|---|---|---|---|---|

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

Experiment Number: 20007 - 02

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Route: GAVAGE

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P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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Lab: BAT

|                         |             |       |   |   |                 |   |
|-------------------------|-------------|-------|---|---|-----------------|---|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0     | 0 | 0 | 0               | 0 |
|                         |             | 0     | 0 | 0 | 0               | 0 |
|                         |             | 1     | 1 | 1 | 1               | 1 |
|                         |             | 8     | 8 | 8 | 8               | 8 |
|                         |             | <hr/> |   |   |                 |   |
| <b>0 G/KG</b>           | ANIMAL ID   | 0     | 0 | 0 | 0               | 0 |
|                         |             | 0     | 0 | 0 | 0               | 0 |
|                         |             | 0     | 0 | 0 | 0               | 0 |
|                         |             | 0     | 0 | 0 | 0               | 0 |
|                         |             | 1     | 2 | 3 | 4               | 5 |
|                         |             |       |   |   | <b>* TOTALS</b> |   |

**NERVOUS SYSTEM**

|       |   |   |   |   |   |          |
|-------|---|---|---|---|---|----------|
| Brain | + | + | + | + | + | <b>5</b> |
|-------|---|---|---|---|---|----------|

**RESPIRATORY SYSTEM**

|      |   |   |   |   |   |          |
|------|---|---|---|---|---|----------|
| Lung | + | + | + | + | + | <b>5</b> |
|------|---|---|---|---|---|----------|

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

|        |   |   |   |   |   |          |
|--------|---|---|---|---|---|----------|
| Kidney | + | + | + | + | + | <b>5</b> |
|--------|---|---|---|---|---|----------|

**SYSTEMIC LESIONS**

|                |   |   |   |   |   |          |
|----------------|---|---|---|---|---|----------|
| Multiple Organ | + | + | + | + | + | <b>5</b> |
|----------------|---|---|---|---|---|----------|

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
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First Dose M/F: 02/18/03 / 02/18/03

Lab: BAT

DAY ON TEST

**B6C3F1 MICE MALE**

**0.125 G/KG**

ANIMAL ID

**\* TOTALS**

**ALIMENTARY SYSTEM**

NONE

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

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Route: GAVAGE

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First Dose M/F: 02/18/03 / 02/18/03

Lab: BAT

DAY ON TEST

**B6C3F1 MICE MALE**

**0.125 G/KG**

ANIMAL ID

**\* TOTALS**

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

**SYSTEMIC LESIONS**

Multiple Organ

**0**

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

Experiment Number: 20007 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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First Dose M/F: 02/18/03 / 02/18/03

Lab: BAT

DAY ON TEST

**B6C3F1 MICE MALE**

**0.25 G/KG**

ANIMAL ID

**\* TOTALS**

**ALIMENTARY SYSTEM**

NONE

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

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Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Kava kava extract

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First Dose M/F: 02/18/03 / 02/18/03

Lab: BAT

DAY ON TEST

**B6C3F1 MICE MALE**

**0.25 G/KG**

ANIMAL ID

**\* TOTALS**

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

**SYSTEMIC LESIONS**

Multiple Organ

**0**

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

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Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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First Dose M/F: 02/18/03 / 02/18/03

Lab: BAT

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DAY ON TEST

**B6C3F1 MICE MALE**

**0.5 G/KG**

ANIMAL ID

---

**\* TOTALS**

---

**ALIMENTARY SYSTEM**

NONE

---

**CARDIOVASCULAR SYSTEM**

NONE

---

**ENDOCRINE SYSTEM**

NONE

---

**GENERAL BODY SYSTEM**

NONE

---

**GENITAL SYSTEM**

NONE

---

**HEMATOPOIETIC SYSTEM**

NONE

---

**INTEGUMENTARY SYSTEM**

NONE

---

**MUSCULOSKELETAL SYSTEM**

NONE

---

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

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First Dose M/F: 02/18/03 / 02/18/03

Lab: BAT

DAY ON TEST

**B6C3F1 MICE MALE**

**0.5 G/KG**

ANIMAL ID

**\* TOTALS**

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

**SYSTEMIC LESIONS**

Multiple Organ

**0**

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

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Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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First Dose M/F: 02/18/03 / 02/18/03

Lab: BAT

|                         |             |       |   |   |                 |   |
|-------------------------|-------------|-------|---|---|-----------------|---|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0     | 0 | 0 | 0               | 0 |
|                         |             | 0     | 0 | 0 | 0               | 0 |
|                         |             | 1     | 1 | 1 | 1               | 1 |
|                         |             | 8     | 8 | 8 | 8               | 8 |
|                         |             | <hr/> |   |   |                 |   |
| <b>1.0 G/KG</b>         | ANIMAL ID   | 0     | 0 | 0 | 0               | 0 |
|                         |             | 0     | 0 | 0 | 0               | 0 |
|                         |             | 0     | 0 | 0 | 0               | 0 |
|                         |             | 4     | 4 | 4 | 4               | 4 |
|                         |             | 1     | 2 | 3 | 4               | 5 |
|                         |             |       |   |   | <b>* TOTALS</b> |   |

**ALIMENTARY SYSTEM**

|       |   |   |   |   |   |   |
|-------|---|---|---|---|---|---|
| Liver | + | + | + | + | + | 5 |
|-------|---|---|---|---|---|---|

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
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M .. Missing tissue  
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Lab: BAT

|                         |             |   |   |   |   |   |
|-------------------------|-------------|---|---|---|---|---|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 |
|                         |             | 0 | 0 | 0 | 0 | 0 |
|                         |             | 1 | 1 | 1 | 1 | 1 |
|                         |             | 8 | 8 | 8 | 8 | 8 |
| <b>1.0 G/KG</b>         | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 |
|                         |             | 0 | 0 | 0 | 0 | 0 |
|                         |             | 0 | 0 | 0 | 0 | 0 |
|                         |             | 4 | 4 | 4 | 4 | 4 |
|                         |             | 1 | 2 | 3 | 4 | 5 |
| <b>* TOTALS</b>         |             |   |   |   |   |   |

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

**SYSTEMIC LESIONS**

|                |   |   |   |   |   |          |
|----------------|---|---|---|---|---|----------|
| Multiple Organ | + | + | + | + | + | <b>5</b> |
|----------------|---|---|---|---|---|----------|

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

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First Dose M/F: 02/18/03 / 02/18/03

Lab: BAT

|                         |             |       |   |   |                 |   |
|-------------------------|-------------|-------|---|---|-----------------|---|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0     | 0 | 0 | 0               | 0 |
|                         |             | 0     | 0 | 0 | 0               | 0 |
|                         |             | 0     | 1 | 0 | 1               | 1 |
|                         |             | 2     | 8 | 3 | 8               | 8 |
|                         |             | <hr/> |   |   |                 |   |
| <b>2.0 G/KG</b>         | ANIMAL ID   | 0     | 0 | 0 | 0               | 0 |
|                         |             | 0     | 0 | 0 | 0               | 0 |
|                         |             | 0     | 0 | 0 | 0               | 0 |
|                         |             | 5     | 5 | 5 | 5               | 5 |
|                         |             | 1     | 2 | 3 | 4               | 5 |
|                         |             |       |   |   | <b>* TOTALS</b> |   |

**ALIMENTARY SYSTEM**

|       |   |   |   |   |   |   |
|-------|---|---|---|---|---|---|
| Liver | + | + | + | + | + | 5 |
|-------|---|---|---|---|---|---|

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
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Lab: BAT

|                         |             |       |   |   |                 |   |
|-------------------------|-------------|-------|---|---|-----------------|---|
| <b>B6C3F1 MICE MALE</b> | DAY ON TEST | 0     | 0 | 0 | 0               | 0 |
|                         |             | 0     | 0 | 0 | 0               | 0 |
|                         |             | 0     | 1 | 0 | 1               | 1 |
|                         |             | 2     | 8 | 3 | 8               | 8 |
|                         |             | <hr/> |   |   |                 |   |
| <b>2.0 G/KG</b>         | ANIMAL ID   | 0     | 0 | 0 | 0               | 0 |
|                         |             | 0     | 0 | 0 | 0               | 0 |
|                         |             | 0     | 0 | 0 | 0               | 0 |
|                         |             | 5     | 5 | 5 | 5               | 5 |
|                         |             | 1     | 2 | 3 | 4               | 5 |
|                         |             |       |   |   | <b>* TOTALS</b> |   |

**NERVOUS SYSTEM**

|       |   |   |   |   |   |          |
|-------|---|---|---|---|---|----------|
| Brain | + | + | + | + | + | <b>5</b> |
|-------|---|---|---|---|---|----------|

**RESPIRATORY SYSTEM**

|      |   |   |   |   |   |          |
|------|---|---|---|---|---|----------|
| Lung | + | + | + | + | + | <b>5</b> |
|------|---|---|---|---|---|----------|

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

|        |   |   |   |   |   |          |
|--------|---|---|---|---|---|----------|
| Kidney | + | + | + | + | + | <b>5</b> |
|--------|---|---|---|---|---|----------|

**SYSTEMIC LESIONS**

|                |   |   |   |   |   |          |
|----------------|---|---|---|---|---|----------|
| Multiple Organ | + | + | + | + | + | <b>5</b> |
|----------------|---|---|---|---|---|----------|

\*\*\* END OF MALE DATA \*\*\*

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

Experiment Number: 20007 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/15/2016

Time Report Requested: 15:39:43

First Dose M/F: 02/18/03 / 02/18/03

Lab: BAT

|                           |             |   |   |   |   |   |  |
|---------------------------|-------------|---|---|---|---|---|--|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 |  |
|                           |             | 0 | 0 | 0 | 0 | 0 |  |
|                           |             | 1 | 1 | 1 | 1 | 1 |  |
|                           |             | 8 | 8 | 8 | 8 | 8 |  |
| <b>0 G/KG</b>             | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 |  |
|                           |             | 0 | 0 | 0 | 0 | 0 |  |
|                           |             | 0 | 0 | 0 | 0 | 0 |  |
|                           |             | 0 | 0 | 0 | 0 | 1 |  |
|                           |             | 6 | 7 | 8 | 9 | 0 |  |
|                           |             |   |   |   |   |   |  |
| <b>* TOTALS</b>           |             |   |   |   |   |   |  |

**ALIMENTARY SYSTEM**

|       |   |   |   |   |   |          |
|-------|---|---|---|---|---|----------|
| Liver | + | + | + | + | + | <b>5</b> |
|-------|---|---|---|---|---|----------|

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

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First Dose M/F: 02/18/03 / 02/18/03

Lab: BAT

|                           |             |   |   |   |                 |   |
|---------------------------|-------------|---|---|---|-----------------|---|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0 | 0 | 0 | 0               | 0 |
|                           |             | 0 | 0 | 0 | 0               | 0 |
|                           |             | 1 | 1 | 1 | 1               | 1 |
|                           |             | 8 | 8 | 8 | 8               | 8 |
| <b>0 G/KG</b>             | ANIMAL ID   | 0 | 0 | 0 | 0               | 0 |
|                           |             | 0 | 0 | 0 | 0               | 0 |
|                           |             | 0 | 0 | 0 | 0               | 0 |
|                           |             | 0 | 0 | 0 | 0               | 1 |
|                           |             | 6 | 7 | 8 | 9               | 0 |
|                           |             |   |   |   |                 |   |
|                           |             |   |   |   | <b>* TOTALS</b> |   |

**NERVOUS SYSTEM**

|       |   |   |   |   |   |          |
|-------|---|---|---|---|---|----------|
| Brain | + | + | + | + | + | <b>5</b> |
|-------|---|---|---|---|---|----------|

**RESPIRATORY SYSTEM**

|      |   |   |   |   |   |          |
|------|---|---|---|---|---|----------|
| Lung | + | + | + | + | + | <b>5</b> |
|------|---|---|---|---|---|----------|

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

|        |   |   |   |   |   |          |
|--------|---|---|---|---|---|----------|
| Kidney | + | + | + | + | + | <b>5</b> |
|--------|---|---|---|---|---|----------|

**SYSTEMIC LESIONS**

|                |   |   |   |   |   |          |
|----------------|---|---|---|---|---|----------|
| Multiple Organ | + | + | + | + | + | <b>5</b> |
|----------------|---|---|---|---|---|----------|

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

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Lab: BAT

DAY ON TEST

**B6C3F1 MICE FEMALE**

**0.125 G/KG**

ANIMAL ID

**\* TOTALS**

**ALIMENTARY SYSTEM**

NONE

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
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BLANK .. Not examined microscopically

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Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Kava kava extract

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First Dose M/F: 02/18/03 / 02/18/03

Lab: BAT

DAY ON TEST

**B6C3F1 MICE FEMALE**

**0.125 G/KG**

ANIMAL ID

**\* TOTALS**

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

**SYSTEMIC LESIONS**

Multiple Organ

**0**

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

Experiment Number: 20007 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/15/2016

Time Report Requested: 15:39:43

First Dose M/F: 02/18/03 / 02/18/03

Lab: BAT

DAY ON TEST

**B6C3F1 MICE FEMALE**

**0.25 G/KG**

ANIMAL ID

**\* TOTALS**

**ALIMENTARY SYSTEM**

NONE

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

Experiment Number: 20007 - 02

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Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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First Dose M/F: 02/18/03 / 02/18/03

Lab: BAT

DAY ON TEST

**B6C3F1 MICE FEMALE**

**0.25 G/KG**

ANIMAL ID

**\* TOTALS**

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

**SYSTEMIC LESIONS**

Multiple Organ

**0**

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

Experiment Number: 20007 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/15/2016

Time Report Requested: 15:39:43

First Dose M/F: 02/18/03 / 02/18/03

Lab: BAT

DAY ON TEST

**B6C3F1 MICE FEMALE**

**0.5 G/KG**

ANIMAL ID

**\* TOTALS**

**ALIMENTARY SYSTEM**

NONE

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

Experiment Number: 20007 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/15/2016

Time Report Requested: 15:39:43

First Dose M/F: 02/18/03 / 02/18/03

Lab: BAT

DAY ON TEST

**B6C3F1 MICE FEMALE**

**0.5 G/KG**

ANIMAL ID

**\* TOTALS**

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

**SYSTEMIC LESIONS**

Multiple Organ

**0**

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

Experiment Number: 20007 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/15/2016

Time Report Requested: 15:39:43

First Dose M/F: 02/18/03 / 02/18/03

Lab: BAT

|                           |             |                 |   |   |   |   |
|---------------------------|-------------|-----------------|---|---|---|---|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0               | 0 | 0 | 0 | 0 |
|                           |             | 0               | 0 | 0 | 0 | 0 |
|                           |             | 1               | 1 | 1 | 1 | 1 |
|                           |             | 8               | 8 | 8 | 8 | 8 |
| <b>1.0 G/KG</b>           | ANIMAL ID   | 0               | 0 | 0 | 0 | 0 |
|                           |             | 0               | 0 | 0 | 0 | 0 |
|                           |             | 0               | 0 | 0 | 0 | 0 |
|                           |             | 4               | 4 | 4 | 4 | 5 |
|                           |             | 6               | 7 | 8 | 9 | 0 |
|                           |             | <b>* TOTALS</b> |   |   |   |   |

**ALIMENTARY SYSTEM**

|       |   |   |   |   |   |          |
|-------|---|---|---|---|---|----------|
| Liver | + | + | + | + | + | <b>5</b> |
|-------|---|---|---|---|---|----------|

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
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Experiment Number: 20007 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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CAS Number: 9000-38-8

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First Dose M/F: 02/18/03 / 02/18/03

Lab: BAT

|                           |             |                 |   |   |   |   |
|---------------------------|-------------|-----------------|---|---|---|---|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0               | 0 | 0 | 0 | 0 |
|                           |             | 0               | 0 | 0 | 0 | 0 |
|                           |             | 1               | 1 | 1 | 1 | 1 |
|                           |             | 8               | 8 | 8 | 8 | 8 |
| <b>1.0 G/KG</b>           | ANIMAL ID   | 0               | 0 | 0 | 0 | 0 |
|                           |             | 0               | 0 | 0 | 0 | 0 |
|                           |             | 0               | 0 | 0 | 0 | 0 |
|                           |             | 4               | 4 | 4 | 4 | 5 |
|                           |             | 6               | 7 | 8 | 9 | 0 |
|                           |             | <b>* TOTALS</b> |   |   |   |   |

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

NONE

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

**SYSTEMIC LESIONS**

|                |   |   |   |   |   |          |
|----------------|---|---|---|---|---|----------|
| Multiple Organ | + | + | + | + | + | <b>5</b> |
|----------------|---|---|---|---|---|----------|

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

Experiment Number: 20007 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Kava kava extract

CAS Number: 9000-38-8

Date Report Requested: 09/15/2016

Time Report Requested: 15:39:43

First Dose M/F: 02/18/03 / 02/18/03

Lab: BAT

|                           |             |   |   |   |   |                 |  |
|---------------------------|-------------|---|---|---|---|-----------------|--|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0               |  |
|                           |             | 0 | 0 | 0 | 0 | 0               |  |
|                           |             | 1 | 1 | 1 | 1 | 1               |  |
|                           |             | 8 | 8 | 8 | 8 | 8               |  |
| <b>2.0 G/KG</b>           | ANIMAL ID   | 0 | 0 | 0 | 0 | 0               |  |
|                           |             | 0 | 0 | 0 | 0 | 0               |  |
|                           |             | 0 | 0 | 0 | 0 | 0               |  |
|                           |             | 5 | 5 | 5 | 5 | 6               |  |
|                           |             | 6 | 7 | 8 | 9 | 0               |  |
|                           |             |   |   |   |   | <b>* TOTALS</b> |  |

**ALIMENTARY SYSTEM**

|       |   |   |   |   |   |   |
|-------|---|---|---|---|---|---|
| Liver | + | + | + | + | + | 5 |
|-------|---|---|---|---|---|---|

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

NONE

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
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BLANK .. Not examined microscopically

Experiment Number: 20007 - 02

Test Type: 14-DAY

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Kava kava extract

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Date Report Requested: 09/15/2016

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First Dose M/F: 02/18/03 / 02/18/03

Lab: BAT

|                           |             |   |   |   |   |   |
|---------------------------|-------------|---|---|---|---|---|
| <b>B6C3F1 MICE FEMALE</b> | DAY ON TEST | 0 | 0 | 0 | 0 | 0 |
|                           |             | 0 | 0 | 0 | 0 | 0 |
|                           |             | 1 | 1 | 1 | 1 | 1 |
|                           |             | 8 | 8 | 8 | 8 | 8 |
| <b>2.0 G/KG</b>           | ANIMAL ID   | 0 | 0 | 0 | 0 | 0 |
|                           |             | 0 | 0 | 0 | 0 | 0 |
|                           |             | 0 | 0 | 0 | 0 | 0 |
|                           |             | 5 | 5 | 5 | 5 | 6 |
|                           |             | 6 | 7 | 8 | 9 | 0 |
|                           |             |   |   |   |   |   |

\* TOTALS

**NERVOUS SYSTEM**

|       |   |   |   |   |   |          |
|-------|---|---|---|---|---|----------|
| Brain | + | + | + | + | + | <b>5</b> |
|-------|---|---|---|---|---|----------|

**RESPIRATORY SYSTEM**

|      |   |   |   |   |   |          |
|------|---|---|---|---|---|----------|
| Lung | + | + | + | + | + | <b>5</b> |
|------|---|---|---|---|---|----------|

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

|        |   |   |   |   |   |          |
|--------|---|---|---|---|---|----------|
| Kidney | + | + | + | + | + | <b>5</b> |
|--------|---|---|---|---|---|----------|

**SYSTEMIC LESIONS**

|                |   |   |   |   |   |          |
|----------------|---|---|---|---|---|----------|
| Multiple Organ | + | + | + | + | + | <b>5</b> |
|----------------|---|---|---|---|---|----------|

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

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
X .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically