

**Experiment Number:** 20007 - 01  
**Test Type:** 14-DAY  
**Route:** GAVAGE  
**Species/Strain:** RATS/F 344/N

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)**

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

**Date Report Requested:** 09/15/2016  
**Time Report Requested:** 14:42:03  
**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

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FISCHER 344 RATS MALE	0 G/KG	0.125 G/KG	0.25 G/KG	0.5 G/KG	1.0 G/KG	2.0 G/KG
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**Disposition Summary**

Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Survivors						
Terminal Sacrifice	5	5	5	5	5	5
Animals Examined Microscopically	5			1	5	5

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ALIMENTARY SYSTEM

Liver	(5)	(0)	(0)	(0)	(5)	(5)
Hematopoietic Cell Proliferation	1 (20%)					
Hepatodiaphragmatic Nodule						1 (20%)
Infiltration Cellular, Mononuclear Cell	5 (100%)				1 (20%)	4 (80%)
Hepatocyte, Hypertrophy						5 (100%)
Hepatocyte, Vacuolization Cytoplasmic	1 (20%)					

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CARDIOVASCULAR SYSTEM

None

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ENDOCRINE SYSTEM

None

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GENERAL BODY SYSTEM

None

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GENITAL SYSTEM

None

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<b>HEMATOPOIETIC SYSTEM</b>						
None						
<b>INTEGUMENTARY SYSTEM</b>						
None						
<b>MUSCULOSKELETAL SYSTEM</b>						
None						
<b>NERVOUS SYSTEM</b>						
Brain	(5)	(0)	(0)	(0)	(0)	(5)
<b>RESPIRATORY SYSTEM</b>						
Lung	(5)	(0)	(0)	(1)	(0)	(5)
Hemorrhage				1 (100%)		
Mineralization	1 (20%)					
Alveolus, Infiltration Cellular, Mononuclear Cell	3 (60%)			1 (100%)		5 (100%)
Interstitial, Infiltration Cellular, Mononuclear Cell	5 (100%)			1 (100%)		5 (100%)
<b>SPECIAL SENSES SYSTEM</b>						
None						
<b>URINARY SYSTEM</b>						
Kidney	(5)	(0)	(0)	(0)	(0)	(5)

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FISCHER 344 RATS MALE	0 G/KG	0.125 G/KG	0.25 G/KG	0.5 G/KG	1.0 G/KG	2.0 G/KG
Mineralization	1 (20%)					

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

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FISCHER 344 RATS FEMALE	0 G/KG	0.125 G/KG	0.25 G/KG	0.5 G/KG	1.0 G/KG	2.0 G/KG
<b>Disposition Summary</b>						
Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Natural Death						1
Survivors						
Terminal Sacrifice	5	5	5	5	5	4
Animals Examined Microscopically	5	5	5	5	5	5
<b>ALIMENTARY SYSTEM</b>						
Liver	(5)	(5)	(5)	(5)	(5)	(5)
Hepatodiaphragmatic Nodule			2 (40%)		1 (20%)	
Infiltration Cellular, Mononuclear Cell	5 (100%)	3 (60%)	5 (100%)	5 (100%)	4 (80%)	2 (40%)
Hepatocyte, Hypertrophy			5 (100%)	5 (100%)	5 (100%)	5 (100%)
<b>CARDIOVASCULAR SYSTEM</b>						
None						
<b>ENDOCRINE SYSTEM</b>						
None						
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Uterus	(0)	(0)	(0)	(1)	(0)	(0)
Endometrium, Hyperplasia, Cystic				1 (100%)		

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<b>HEMATOPOIETIC SYSTEM</b>						
Lymph Node Hyperplasia, Lymphoid	(0)	(0)	(0)	(0)	(0)	(1) 1 (100%)
<b>INTEGUMENTARY SYSTEM</b>						
None						
<b>MUSCULOSKELETAL SYSTEM</b>						
None						
<b>NERVOUS SYSTEM</b>						
Brain	(5)	(0)	(0)	(0)	(0)	(5)
<b>RESPIRATORY SYSTEM</b>						
Lung Hemorrhage	(5)	(0)	(3) 2 (67%)	(0)	(0)	(5)
Infiltration Cellular, Mononuclear Cell			1 (33%)			
Alveolus, Infiltration Cellular, Mononuclear Cell	3 (60%)		2 (67%)			2 (40%)
Interstitialium, Infiltration Cellular, Mononuclear Cell	5 (100%)		2 (67%)			5 (100%)
<b>SPECIAL SENSES SYSTEM</b>						
Eye Synechia	(0)	(0)	(0)	(0)	(0)	(1) 1 (100%)
Iris, Inflammation						1 (100%)

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URINARY SYSTEM						
Kidney	(5)	(0)	(0)	(0)	(0)	(5)
Infiltration Cellular, Mononuclear Cell	1 (20%)					

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

a - Number of animals examined microscopically at site and number of animals with lesion