

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

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

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

Date Report Requested: 10/23/2014
Time Report Requested: 01:26:30
First Dose M/F: NA / NA
Lab: BAT

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

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F 344/N Rat MALE	0 G/KG	0.125 G/KG	0.25 G/KG	0.5 G/KG	1.0 G/KG	2.0 G/KG
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
ALIMENTARY SYSTEM						
Liver	(5)	(0)	(0)	(0)	(5)	(5)
Hematopoietic Cell Proliferation	1 [1.0]					
Hepatocyte, Hypertrophy						5 [1.0]
Hepatocyte, Vacuolization Cytoplasmic	1 [1.0]					
Hepatodiaphragmatic Nodule						1 [1.0]
Infiltration Cellular, Mononuclear Cl	5 [1.0]				1 [1.0]	4 [1.0]
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
None						

a - Number of animals examined microscopically at site and number of animals with lesion
 b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
Brain	(5)	(0)	(0)	(0)	(0)	(5)
RESPIRATORY SYSTEM						
Lung	(5)	(0)	(0)	(1)	(0)	(5)
Alveolus, Infiltration Cellular, Mononuclear Cl	3 [1.0]			1 [1.0]		5 [1.0]
Hemorrhage				1 [2.0]		
Interstitial, Infiltration Cellular, Mononuclear Cl	5 [1.0]			1 [1.0]		5 [1.0]
Mineralization	1 [1.0]					
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(5)	(0)	(0)	(0)	(0)	(5)
Mineralization	1 [1.0]					

END OF MALE DATA

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F 344/N Rat FEMALE	0 G/KG	0.125 G/KG	0.25 G/KG	0.5 G/KG	1.0 G/KG	2.0 G/KG
Disposition Summary						
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
ALIMENTARY SYSTEM						
Liver	(5)	(5)	(5)	(5)	(5)	(5)
Hepatocyte, Hypertrophy			5 [1.0]	5 [1.0]	5 [1.0]	5 [1.0]
Hepatodiaphragmatic Nodule			2 [1.0]		1 [1.0]	
Infiltration Cellular, Mononuclear Cl	5 [1.0]	3 [1.0]	5 [1.0]	5 [1.0]	4 [1.0]	2 [1.0]
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Uterus	(0)	(0)	(0)	(1)	(0)	(0)
Endometrium, Hyperplasia, Cystic				1 [3.0]		
HEMATOPOIETIC SYSTEM						
Lymph Node	(0)	(0)	(0)	(0)	(0)	(1)
Hyperplasia, Lymphoid						1 [2.0]
INTEGUMENTARY SYSTEM						
None						

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F 344/N Rat FEMALE	0 G/KG	0.125 G/KG	0.25 G/KG	0.5 G/KG	1.0 G/KG	2.0 G/KG
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
Brain	(5)	(0)	(0)	(0)	(0)	(5)
RESPIRATORY SYSTEM						
Lung	(5)	(0)	(3)	(0)	(0)	(5)
Alveolus, Infiltration Cellular, Mononuclear Cl	3 [1.0]		2 [1.0]			2 [1.0]
Hemorrhage			2 [2.0]			
Infiltration Cellular, Mononuclear Cl			1 [1.0]			
Interstitial, Infiltration Cellular, Mononuclear Cl	5 [1.0]		2 [1.0]			5 [1.0]
SPECIAL SENSES SYSTEM						
Eye	(0)	(0)	(0)	(0)	(0)	(1)
Iris, Inflammation						1 [1.0]
Synechia						1 [2.0]
URINARY SYSTEM						
Kidney	(5)	(0)	(0)	(0)	(0)	(5)
Infiltration Cellular, Mononuclear Cl	1 [1.0]					

**** END OF REPORT ****

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

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