

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

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

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

Date Report Requested: 10/23/2014
Time Report Requested: 01:26:45
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 (20%)					
Hepatocyte, Hypertrophy						5 (100%)
Hepatocyte, Vacuolization Cytoplasmic	1 (20%)					
Hepatodiaphragmatic Nodule						1 (20%)
Infiltration Cellular, Mononuclear Cl	5 (100%)				1 (20%)	4 (80%)
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						

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

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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 (60%)			1 (100%)		5 (100%)
Hemorrhage				1 (100%)		
Interstitial, Infiltration Cellular, Mononuclear Cl	5 (100%)			1 (100%)		5 (100%)
Mineralization	1 (20%)					
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(5)	(0)	(0)	(0)	(0)	(5)
Mineralization	1 (20%)					

END OF MALE DATA

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

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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 (100%)	5 (100%)	5 (100%)	5 (100%)
Hepatodiaphragmatic Nodule			2 (40%)		1 (20%)	
Infiltration Cellular, Mononuclear CI	5 (100%)	3 (60%)	5 (100%)	5 (100%)	4 (80%)	2 (40%)
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Uterus	(0)	(0)	(0)	(1)	(0)	(0)
Endometrium, Hyperplasia, Cystic				1 (100%)		
HEMATOPOIETIC SYSTEM						
Lymph Node	(0)	(0)	(0)	(0)	(0)	(1)
Hyperplasia, Lymphoid						1 (100%)
INTEGUMENTARY SYSTEM						
None						

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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 (60%)		2 (67%)			2 (40%)
Hemorrhage			2 (67%)			
Infiltration Cellular, Mononuclear Cl			1 (33%)			
Interstitial, Infiltration Cellular, Mononuclear Cl	5 (100%)		2 (67%)			5 (100%)
SPECIAL SENSES SYSTEM						
Eye	(0)	(0)	(0)	(0)	(0)	(1)
Iris, Inflammation						1 (100%)
Synechia						1 (100%)
URINARY SYSTEM						
Kidney	(5)	(0)	(0)	(0)	(0)	(5)
Infiltration Cellular, Mononuclear Cl	1 (20%)					

** END OF REPORT **