

Experiment Number: 99031-02
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**
Test Compound: Ginkgo biloba extract
CAS Number: 90045-36-6

Date Report Requested: 10/17/2014
Time Report Requested: 14:48:41
First Dose M/F: NA / NA
Lab: BAT

C Number: C99031
Lock Date: 10/07/2004
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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B6C3F1 Mouse MALE	0	MG/KG	125	MG/KG	250	MG/KG	500	MG/KG	1000	MG/KG	2000	MG/KG
Disposition Summary												
Animals Initially In Study	10		10		10		10		10		10	
Early Deaths												
Survivors												
Terminal Sacrifice	10		10		10		10		10		10	
Animals Examined Microscopically	10		10		10		10		10		10	
ALIMENTARY SYSTEM												
Esophagus	(10)		(0)		(0)		(0)		(0)		(10)	
Inflammation, Focal											1 [2.0]	
Gallbladder	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Large, Cecum	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Large, Colon	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Large, Rectum	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Small, Duodenum	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Small, Ileum	(10)		(0)		(0)		(0)		(0)		(10)	
Intestine Small, Jejunum	(10)		(0)		(0)		(0)		(0)		(10)	
Liver	(10)		(10)		(10)		(10)		(10)		(10)	
Artery, Inflammation, Chronic											1 [2.0]	
Hepatocyte, Hypertrophy					10 [1.4]		10 [1.7]		10 [2.7]		10 [2.7]	
Inflammation	8 [1.0]		6 [1.0]		9 [1.0]		10 [1.0]		9 [1.0]		10 [1.0]	
Necrosis, Focal					1 [1.0]				5 [1.0]		9 [1.0]	
Pancreas	(10)		(0)		(0)		(0)		(0)		(10)	
Salivary Glands	(10)		(0)		(0)		(0)		(0)		(10)	
Duct, Mineralization	1 [1.0]											
Infiltration Cellular, Lymphocyte	1 [1.0]										1 [1.0]	
Stomach, Forestomach	(10)		(0)		(0)		(0)		(0)		(10)	
Stomach, Glandular	(10)		(0)		(0)		(0)		(0)		(10)	
CARDIOVASCULAR SYSTEM												

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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Lab: BAT

B6C3F1 Mouse MALE	0	MG/KG	125	MG/KG	250	MG/KG	500	MG/KG	1000	MG/KG	2000	MG/KG
Blood Vessel	(10)		(0)		(0)		(0)		(0)		(10)	
Heart	(10)		(0)		(0)		(0)		(0)		(10)	
ENDOCRINE SYSTEM												
Adrenal Cortex	(10)		(0)		(0)		(0)		(0)		(10)	
Accessory Adrenal Cortical Nodule	4											
Subcapsular, Hyperplasia	6 [1.0]										4 [1.0]	
Adrenal Medulla	(10)		(0)		(0)		(0)		(0)		(10)	
Islets, Pancreatic	(10)		(0)		(0)		(0)		(0)		(10)	
Parathyroid Gland	(7)		(0)		(0)		(0)		(0)		(10)	
Pituitary Gland	(9)		(0)		(0)		(0)		(0)		(10)	
Thyroid Gland	(10)		(0)		(0)		(0)		(0)		(10)	
GENERAL BODY SYSTEM												
None												
GENITAL SYSTEM												
Epididymis	(10)		(0)		(0)		(0)		(0)		(10)	
Preputial Gland	(10)		(0)		(0)		(0)		(0)		(10)	
Prostate	(10)		(0)		(0)		(0)		(0)		(10)	
Infiltration Cellular, Lymphocyte	1 [1.0]										2 [1.0]	
Inflammation											1 [1.0]	
Seminal Vesicle	(10)		(0)		(0)		(0)		(0)		(10)	
Testes	(10)		(0)		(0)		(0)		(0)		(10)	
Germinal Epith, Degeneration, Diffuse	1 [3.0]											
HEMATOPOIETIC SYSTEM												
Bone Marrow	(10)		(0)		(0)		(0)		(0)		(10)	
Lymph Node, Mandibular	(10)		(0)		(0)		(0)		(0)		(10)	
Lymph Node, Mesenteric	(9)		(0)		(0)		(0)		(0)		(10)	
Spleen	(10)		(0)		(0)		(0)		(0)		(10)	

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

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Route: GAVAGE

Species/Strain: Mouse/B6C3F1

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

Test Compound: Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 10/17/2014

Time Report Requested: 14:48:42

First Dose M/F: NA / NA

Lab: BAT

B6C3F1 Mouse MALE	0 MG/KG	125 MG/KG	250 MG/KG	500 MG/KG	1000 MG/KG	2000 MG/KG
Thymus	(10)	(0)	(0)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM						
Mammary Gland	(4)	(0)	(0)	(0)	(0)	(4)
Skin	(10)	(0)	(0)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(10)	(0)	(0)	(0)	(0)	(10)
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(0)	(10)
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(0)	(10)
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Inflammation						1 [2.0]
Olfactory Epi, Accumulation, Hyaline Droplet	1 [1.0]	1 [1.0]	4 [1.3]	9 [1.0]	8 [1.4]	5 [1.0]
Olfactory Epi, Atrophy			1 [3.0]	2 [1.5]	5 [1.8]	3 [1.7]
Olfactory Epi, Pigmentation				7 [1.0]	7 [1.6]	8 [1.0]
Respirat Epith, Accumulation, Hyaline Droplet	1 [1.0]	3 [1.0]	4 [1.0]	9 [1.3]	2 [2.0]	4 [1.0]
Trachea	(10)	(0)	(0)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM						
Eye	(10)	(0)	(0)	(0)	(0)	(10)
Optic Nerve, Infiltration Cellular, Lymphocyte	1 [1.0]					
Harderian Gland	(10)	(0)	(0)	(0)	(0)	(10)
URINARY SYSTEM						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Cortex, Vacuolization Cytoplasmic	10 [2.5]	10 [2.9]	10 [2.9]	10 [2.0]	10 [2.0]	10 [1.1]

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Lab: BAT

B6C3F1 Mouse MALE	0	MG/KG	125	MG/KG	250	MG/KG	500	MG/KG	1000	MG/KG	2000	MG/KG
Crystals									1	[1.0]		
Inflammation	2	[1.0]							1	[1.0]		
Mineralization	1	[1.0]					1	[1.0]	3	[1.0]	3	[1.0]
Nephropathy	3	[1.0]			5	[1.0]	4	[1.0]	6	[1.0]	5	[1.0]
Urinary Bladder	(10)		(0)		(0)		(0)		(0)		(10)	

END OF MALE DATA

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

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B6C3F1 Mouse FEMALE	0	MG/KG	125	MG/KG	250	MG/KG	500	MG/KG	1000	MG/KG	2000	MG/KG
Disposition Summary												
Animals Initially In Study	10		10		10		10		10		10	
Early Deaths												
Dosing Accident									1			
Survivors												
Terminal Sacrifice	10		10		10		10		9		10	
Animals Examined Microscopically	10		10		10		10		10		10	
ALIMENTARY SYSTEM												
Esophagus	(10)		(0)		(0)		(0)		(1)		(10)	
Muscularis, Inflammation											1 [1.0]	
Gallbladder	(10)		(0)		(0)		(0)		(1)		(10)	
Mucosa, Cyst											1	
Intestine Large, Cecum	(10)		(0)		(0)		(0)		(1)		(10)	
Intestine Large, Colon	(10)		(0)		(0)		(0)		(1)		(10)	
Intestine Large, Rectum	(9)		(0)		(0)		(0)		(1)		(10)	
Inflammation	1 [1.0]											
Intestine Small, Duodenum	(10)		(0)		(0)		(0)		(1)		(10)	
Intestine Small, Ileum	(10)		(0)		(0)		(0)		(1)		(10)	
Intestine Small, Jejunum	(9)		(0)		(0)		(0)		(1)		(10)	
Liver	(10)		(10)		(10)		(10)		(10)		(10)	
Hepatocyte, Hypertrophy					4 [1.0]		10 [1.2]		9 [1.6]		10 [1.9]	
Inflammation	10 [1.1]		10 [1.1]		9 [1.0]		10 [1.0]		9 [1.0]		9 [1.0]	
Necrosis, Focal											1 [1.0]	
Pancreas	(10)		(0)		(0)		(0)		(1)		(10)	
Salivary Glands	(10)		(0)		(0)		(0)		(1)		(10)	
Stomach, Forestomach	(10)		(0)		(0)		(0)		(1)		(10)	
Stomach, Glandular	(10)		(0)		(0)		(0)		(1)		(10)	
CARDIOVASCULAR SYSTEM												

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Lab: BAT

B6C3F1 Mouse FEMALE	0	MG/KG	125	MG/KG	250	MG/KG	500	MG/KG	1000	MG/KG	2000	MG/KG
Blood Vessel	(9)		(0)		(0)		(0)		(1)		(10)	
Adventitia, Aorta, Inflammation, Acute									1 [1.0]			
Aorta, Inflammation, Chronic Active	1 [1.0]											
Heart	(9)		(0)		(0)		(0)		(1)		(10)	
Vacuolization Cytoplasmic											1 [1.0]	
ENDOCRINE SYSTEM												
Adrenal Cortex	(9)		(0)		(0)		(0)		(1)		(10)	
Accessory Adrenal Cortical Nodule	1 [1.0]										1 [1.0]	
Hyperplasia	1 [1.0]										2 [1.0]	
Subcapsular, Hyperplasia	8 [1.3]								1 [1.0]		8 [1.3]	
Adrenal Medulla	(9)		(0)		(0)		(0)		(1)		(10)	
Islets, Pancreatic	(10)		(0)		(0)		(0)		(1)		(10)	
Parathyroid Gland	(9)		(0)		(0)		(0)		(1)		(9)	
Pituitary Gland	(9)		(0)		(0)		(0)		(1)		(10)	
Thyroid Gland	(9)		(0)		(0)		(0)		(1)		(10)	
Infiltration Cellular, Mononuclear Cl											1 [1.0]	
GENERAL BODY SYSTEM												
None												
GENITAL SYSTEM												
Clitoral Gland	(9)		(0)		(0)		(0)		(1)		(10)	
Ovary	(10)		(0)		(0)		(0)		(1)		(10)	
Uterus	(10)		(0)		(0)		(0)		(1)		(10)	
HEMATOPOIETIC SYSTEM												
Bone Marrow	(10)		(0)		(0)		(0)		(1)		(10)	
Lymph Node, Mandibular	(10)		(0)		(0)		(0)		(1)		(10)	
Lymph Node, Mesenteric	(10)		(0)		(0)		(0)		(1)		(8)	
Spleen	(10)		(0)		(0)		(0)		(1)		(10)	

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B6C3F1 Mouse FEMALE	0	MG/KG	125	MG/KG	250	MG/KG	500	MG/KG	1000	MG/KG	2000	MG/KG
Lymph Follic, Atrophy, Diffuse									1 [2.0]			
Thymus	(9)		(0)		(0)		(0)		(1)		(10)	
Necrosis, Diffuse									1 [3.0]			
INTEGUMENTARY SYSTEM												
Mammary Gland	(10)		(0)		(0)		(0)		(1)		(10)	
Skin	(10)		(0)		(0)		(0)		(1)		(10)	
Inflammation, Chronic Active	1 [1.0]											
MUSCULOSKELETAL SYSTEM												
Bone	(10)		(0)		(0)		(0)		(1)		(10)	
NERVOUS SYSTEM												
Brain	(10)		(0)		(0)		(0)		(1)		(10)	
RESPIRATORY SYSTEM												
Lung	(10)		(0)		(0)		(0)		(1)		(10)	
Interstitial, Inflammation, Acute									1 [2.0]			
Perivascular, Inflammation											1 [1.0]	
Nose	(10)		(10)		(10)		(10)		(10)		(10)	
Inflammation									1 [3.0]			
Olfactory Epi, Accumulation, Hyaline Droplet	1 [1.0]		7 [1.0]		3 [1.0]		6 [1.3]		8 [1.4]		5 [1.0]	
Olfactory Epi, Atrophy									5 [1.2]		1 [2.0]	
Olfactory Epi, Pigmentation							3 [1.0]		7 [1.4]		6 [1.2]	
Respirat Epith, Accumulation, Hyaline Droplet	2 [1.0]		4 [1.0]		4 [1.0]		6 [1.5]		9 [1.7]		8 [1.1]	
Trachea	(10)		(0)		(0)		(0)		(1)		(10)	
Inflammation, Acute									1 [2.0]			
SPECIAL SENSES SYSTEM												
Eye	(10)		(0)		(0)		(0)		(1)		(10)	
Harderian Gland	(9)		(0)		(0)		(0)		(1)		(10)	

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B6C3F1 Mouse FEMALE	0	MG/KG	125	MG/KG	250	MG/KG	500	MG/KG	1000	MG/KG	2000	MG/KG
URINARY SYSTEM												
Kidney	(10)		(0)		(0)		(0)		(1)		(10)	
Inflammation	1 [1.0]											
Mineralization	3 [1.0]										3 [1.0]	
Nephropathy	2 [1.0]											
Urinary Bladder	(10)		(0)		(0)		(0)		(1)		(10)	

** END OF REPORT **

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