TDMS No. 20203 - 02 P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a) Test Type: 90-DAY Green tea extract Route: GAVAGE **CAS Number:** GREENTEAEXTR Species/Strain: MICE/B6C3F1 Lab: BAT

Date Report Requested: 04/15/2009 Time Report Requested: 08:55:24 First Dose M/F: 04/20/06 / 04/19/06

F_M3

C Number:	C20203
Lock Date:	01/04/2007
Cage Range:	ALL
Date Range:	ALL
Reasons For Removal:	ALL
Removal Date Range:	ALL
Treatment Groups:	Include ALL
Study Gender:	Both
TDMSE Version:	2.1.0

TDMS No. 20203 - 02 **Test Type:** 90-DAY

Species/Strain: MICE/B6C3F1

Route: GAVAGE

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

Green tea extract

CAS Number: GREENTEAEXTR

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B6C3F1 MICE MALE	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/k
Disposition Summary						
Animals Initially in Study Early Deaths Natural Death	10	10	10	10	10	10 6
Survivors Terminal Sacrifice Animals Examined Microscopically	10 10	10 10	10 10	10 10	10 10	4 10
LIMENTARY SYSTEM						
Intestine Large, Colon	(10)	(0)	(0)	(0)	(10)	(10)
Peyer's Patch, Atrophy Intestine Small, Ileum	(10)	(0)	(0)	(0)	(10)	1 (10%) (10)
Peyer's Patch, Atrophy Liver	(10)	(10)	(10)	(10)	(10)	2 (20%) (10)
Depletion Glycogen	2 (20%)		2 (20%)	8 (80%)	10 (100%)	4 (40%)
Infiltration Cellular, Mixed Cell Karyomegaly Mitosis	8 (80%)	6 (60%)	8 (80%)	7 (70%)	4 (40%)	2 (20%) 2 (20%) 3 (30%)
Pigmentation Centrilobular, Necrosis			2 (20%)			2 (20%) 8 (80%)
ARDIOVASCULAR SYSTEM						
Heart	(10)	(10)	(10)	(10)	(10)	(10)
Cardiomyopathy Myocardium, Hemorrhage	1 (10%)					1 (10%)
NDOCRINE SYSTEM						
Adrenal Cortex Subcapsular, Hyperplasia	(10) 3 (30%)	(0)	(0)	(0)	(10) 5 (50%)	(10) 3 (30%)
ENERAL BODY SYSTEM						
None						

GENITAL SYSTEM

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

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Species/Strain: MICE/B6C3F1

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B6C3F1 MICE MALE	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Prostate Infiltration Cellular, Mononuclear Cell	(10) 6 (60%)	(0)	(0)	(0)	(10) 6 (60%)	(10) 3 (30%)
HEMATOPOIETIC SYSTEM						
Lymph Node, Mandibular Atrophy Hyperplasia, Lymphoid Lymph Node, Mesenteric Atrophy Hyperplasia, Lymphoid Spleen Lymphoid Follicle, Hyperplasia Thymus Atrophy	(10) 1 (10%) 1 (10%) (10) 4 (40%) (10) 2 (20%) (10)	(10) 1 (10%) (10) 4 (40%) (10) (10)	(10) (10) 3 (30%) (10) 1 (10%) (10)	(10) (10) 1 (10%) (10) (10)	(10) 2 (20%) (10) 2 (20%) (10) 1 (10%) (10)	(10) 7 (70%) (10) 8 (80%) (10) 1 (10%) (10) 6 (60%)
NTEGUMENTARY SYSTEM						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
Brain Hydrocephalus	(10)	(0)	(0)	(0)	(10) 1 (10%)	(10)
RESPIRATORY SYSTEM						
Lung Nose Foreign Body Inflammation Glands, Olfactory Epithelium, Hyperplasia	(10) (10)	(0) (10)	(0) (10) 1 (10%)	(0) (10)	(10) (10) 1 (10%) 1 (10%)	(10) (10) 1 (10%) 3 (30%)
Lamina Propria, Pigmentation, Histiocyte Nerve, Atrophy Olfactory Epithelium, Atrophy Olfactory Epithelium, Hyperplasia, Basal Cell Olfactory Epithelium, Metaplasia		1 (10%)		5 (50%) 4 (40%) 5 (50%)	7 (70%) 4 (40%) 5 (50%)	1 (10%) 5 (50%) 4 (40%) 3 (30%) 5 (50%)

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

DMS No. 20203 - 02 est Type: 90-DAY coute: GAVAGE pecies/Strain: MICE/B6C3F1	P03: INCIDENCE	Date Report Requested: 04/15/2009 Time Report Requested: 08:55:24 First Dose M/F: 04/20/06 / 04/19/06 Lab: BAT				
B6C3F1 MICE MALE	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Olfactory Epithelium, Necrosis			1 (10%)		1 (10%)	3 (30%)
Olfactory Epithelium, Pigmentation Respiratory Epithelium, Hyaline Droplet Respiratory Epithelium, Hyperplasia Respiratory Epithelium, Metaplasia,					1 (10%)	1 (10%) 3 (30%) 3 (30%) 1 (10%)
Squamous Respiratory Epithelium, Necrosis					1 (10%)	1 (10%)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney Nephropathy Urinary Bladder Infiltration Cellular, Lymphocyte	(10) 5 (50%) (10) 1 (10%)	(0) (0)	(0) (0)	(0) (0)	(10) 4 (40%) (10) 2 (20%)	(10) 4 (40%) (10)

*** END OF MALE ***

TDMS No. 20203 - 02 **Test Type:** 90-DAY

Species/Strain: MICE/B6C3F1

Route: GAVAGE

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

Green tea extract

CAS Number: GREENTEAEXTR

Date Report Requested: 04/15/2009 Time Report Requested: 08:55:24 First Dose M/F: 04/20/06 / 04/19/06 Lab: BAT

B6C3F1 MICE FEMALE	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/k
Disposition Summary						
Animals Initially in Study Early Deaths Moribund Sacrifice	10	10	10	10	10	10 4
Survivors Terminal Sacrifice Animals Examined Microscopically	10 10	10 10	10 10	10 10	10 10	6 10
LIMENTARY SYSTEM						
Esophagus Muscularis, Degeneration	(10) 1 (10%)	(0)	(0)	(0)	(0)	(10) 1 (10%)
Intestine Large, Cecum Peyer's Patch, Atrophy	(10)	(0)	(0)	(0)	(0)	(10%) (10) 1 (10%)
Intestine Small, Ileum Peyer's Patch, Atrophy	(10)	(0)	(0)	(0)	(0)	(10) 2 (20%)
Liver Depletion Glycogen	(10)	(10)	(10)	(10) 1 (10%)	(10) 4 (40%)	(10) 7 (70%)
Fatty Change Infiltration Cellular, Mixed Cell Inflammation, Chronic Karyomegaly Mitosis Pigmentation Centrilobular, Necrosis	10 (100%)	9 (90%)	10 (100%)	10 (100%)	10 (100%)	1 (10%) 3 (30%) 3 (30%) 5 (50%) 2 (20%) 2 (20%) 7 (70%)
ARDIOVASCULAR SYSTEM						
Heart Myocardium, Hemorrhage Myocardium, Necrosis	(10)	(10)	(10)	(10)	(10)	(10) 1 (10%) 1 (10%)
ENDOCRINE SYSTEM						
Adrenal Cortex	(10) 10 (100%)	(0)	(0)	(0)	(0)	(10) 8 (80%)
Subcapsular, Hyperplasia Thyroid Gland Infiltration Cellular, Mononuclear Cell	10 (100%) (10) 1 (10%)	(0)	(0)	(0)	(0)	8 (80%) (10)

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

TDMS No. 20203 - 02 Test Type: 90-DAY Route: GAVAGE Species/Strain: MICE/B6C3F1	P03: INCIDENCI	Date Report Requested: 04/15/2009 Time Report Requested: 08:55:24 First Dose M/F: 04/20/06 / 04/19/06 Lab: BAT				
B6C3F1 MICE FEMALE	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
GENERAL BODY SYSTEM						
GENITAL SYSTEM						
HEMATOPOIETIC SYSTEM						
Lymph Node, Mandibular Atrophy Hemorrhage	(10)	(10) 1 (10%)	(10)	(10) 2 (20%)	(10) 2 (20%)	(10) 4 (40%)
Hyperplasia, Lymphoid Lymph Node, Mesenteric Atrophy Hyperplasia, Lymphoid	(10) 2 (20%)	1 (10%) (10)	(10)	(10)	(10) 2 (20%) 1 (10%)	(9) 3 (33%)
Spleen Atrophy, Lymphoid Lymphoid Follicle, Hyperplasia	(10)	(10)	(10)	(10) 1 (10%)	(10) 4 (40%) 1 (10%)	(10) 4 (40%)
Thymus Atrophy Necrosis	(10)	(10)	(10)	(10)	(10)	(10) 4 (40%) 2 (20%)
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
NERVOUS SYSTEM						
RESPIRATORY SYSTEM						
Nose Inflammation	(10)	(10) 1 (10%)	(10) 1 (10%)	(10)	(10)	(10) 1 (10%)

a - Number of animals examined microscopically at site and number of animals with lesion Page 6

P03: INCIDENCI	Green	Date Report Requested: 04/15/2009 Time Report Requested: 08:55:24 First Dose M/F: 04/20/06 / 04/19/06 Lab: BAT			
0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
		1 (10%) 1 (10%) 1 (10%)	1 (10%) 1 (10%) 1 (10%)	7 (70%) 4 (40%) 7 (70%) 1 (10%) 4 (40%)	1 (10%) 1 (10%) 5 (50%) 4 (40%) 1 (10%) 6 (60%) 4 (40%) 2 (20%) 1 (10%) 1 (10%)
(10)	(0)	(0)	(0)	(0)	(10) 2 (20%)
	0 mg/kg	Green CAS Number: 0 mg/kg 62.5 mg/kg	Green tea extract O mg/kg 62.5 mg/kg 125 mg/kg 1 (10%) 1 (10%) 1 (10%) 1 (10%) 1 (10%) 1 (10%)	CAS Number: GREENTEAEXTR 0 mg/kg 62.5 mg/kg 125 mg/kg 250 mg/kg 1 (10%) 1 (10%) 1 (10%) 1 (10%) 1 (10%) 1 (10%) 1 (10%) 1 (10%) 1 (10%) 1 (10%) 1 (10%) 1 (10%) 1 (10%) 1 (10%) 1 (10%) 1 (10%) 0 (0) 0 (0)	Green tea extract Time Report R First Dose M/F Lab: BAT 0 mg/kg 62.5 mg/kg 125 mg/kg 250 mg/kg 500 mg/kg 1 (10%) 1 (10%) 1 (10%) 7 (70%) 1 (10%) 1 (10%) 1 (10%) 7 (70%) 1 (10%) 1 (10%) 1 (10%) 1 (10%) 1 (10%) 1 (10%) 1 (10%) 1 (10%) 1 (10%) 1 (10%) 4 (40%) 1 (10%) 1 (10%) 0 (0) 0 (0) 0 (0)

*** END OF REPORT ***