

Experiment Number: 20540-02
Test Type: 150-DAY
Route: GAVAGE
Species/Strain: Rat/F344/N Tac

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

Test Compound: Methyleugenol (TGMX rat liver evaluation)

CAS Number: 93-15-2

Date Report Requested: 10/20/2014

Time Report Requested: 20:01:55

First Dose M/F: NA / NA

Lab: BAT

C Number:	C20540C
Lock Date:	08/01/2007
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male
PWG Approval Date	NONE

Experiment Number: 20540-02
Test Type: 150-DAY
Route: GAVAGE
Species/Strain: Rat/F344/N Tac

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)
Test Compound: Methyleugenol (TGMX rat liver evaluation)
CAS Number: 93-15-2

Date Report Requested: 10/20/2014
Time Report Requested: 20:01:55
First Dose M/F: NA / NA
Lab: BAT

F344/N Tac Rat MALE	0 mg/kg	MEG 150 mg/kg
Disposition Summary		
Animals Initially In Study	24	24
Scheduled Sacrifice	18	18
Early Deaths		
Survivors		
Terminal Sacrifice	6	6
Animals Examined Microscopically	24	24

ALIMENTARY SYSTEM

Esophagus	(12)	(12)
Intestine Large, Cecum	(12)	(12)
Intestine Large, Colon	(12)	(12)
Intestine Large, Rectum	(12)	(12)
Ulcer	1 (8%)	
Intestine Small, Duodenum	(12)	(12)
Intestine Small, Ileum	(12)	(12)
Intestine Small, Jejunum	(12)	(12)
Liver	(24)	(24)
Bile Duct, Hyperplasia	1 (4%)	
Clear Cell Focus		3 (13%)
Fatty Change	9 (38%)	12 (50%)
Hepatodiaphragmatic Nodule	2 (8%)	1 (4%)
Infiltration Cellular, Mononuclear CI	24 (100%)	24 (100%)
Mitotic Alteration	11 (46%)	12 (50%)
Pancreas	(12)	(12)
Atrophy		1 (8%)
Inflammation, Chronic		1 (8%)
Salivary Glands	(12)	(12)
Stomach, Forestomach	(12)	(12)
Stomach, Glandular	(12)	(12)

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

Experiment Number: 20540-02

Test Type: 150-DAY

Route: GAVAGE

Species/Strain: Rat/F344/N Tac

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

Test Compound: Methyleugenol (TGMX rat liver evaluation)

CAS Number: 93-15-2

Date Report Requested: 10/20/2014

Time Report Requested: 20:01:55

First Dose M/F: NA / NA

Lab: BAT

F344/N Tac Rat MALE	0 mg/kg	MEG 150 mg/kg
CARDIOVASCULAR SYSTEM		
Blood Vessel	(12)	(12)
Heart	(12)	(12)
Cardiomyopathy	10 (83%)	11 (92%)
ENDOCRINE SYSTEM		
Adrenal Cortex	(12)	(12)
Vacuolization Cytoplasmic	6 (50%)	6 (50%)
Adrenal Medulla	(12)	(12)
Islets, Pancreatic	(12)	(12)
Parathyroid Gland	(12)	(11)
Pituitary Gland	(12)	(12)
Cyst	1 (8%)	
Pars Distalis, Hyperplasia	1 (8%)	
Thyroid Gland	(12)	(12)
GENERAL BODY SYSTEM		
None		
GENITAL SYSTEM		
Epididymis	(12)	(12)
Preputial Gland	(12)	(12)
Inflammation, Chronic	11 (92%)	8 (67%)
Inflammation, Suppurative	1 (8%)	
Prostate	(12)	(12)
Seminal Vesicle	(12)	(12)
Testes	(12)	(12)
HEMATOPOIETIC SYSTEM		
Bone Marrow	(12)	(12)
Lymph Node, Mandibular	(12)	(12)
Lymph Node, Mesenteric	(12)	(12)

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

Experiment Number: 20540-02

Test Type: 150-DAY

Route: GAVAGE

Species/Strain: Rat/F344/N Tac

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

Test Compound: Methyleugenol (TGMX rat liver evaluation)

CAS Number: 93-15-2

Date Report Requested: 10/20/2014

Time Report Requested: 20:01:55

First Dose M/F: NA / NA

Lab: BAT

F344/N Tac Rat MALE	0 mg/kg	MEG 150 mg/kg
Hyperplasia, Histiocytic	11 (92%)	10 (83%)
Spleen	(12)	(12)
Thymus	(12)	(12)
INTEGUMENTARY SYSTEM		
Mammary Gland	(12)	(12)
Skin	(12)	(12)
MUSCULOSKELETAL SYSTEM		
Bone	(12)	(12)
NERVOUS SYSTEM		
Brain	(12)	(12)
RESPIRATORY SYSTEM		
Lung	(12)	(12)
Alveolus, Infiltration Cellular, Histiocyte	1 (8%)	1 (8%)
Hemorrhage	2 (17%)	
Inflammation, Chronic	6 (50%)	8 (67%)
Nose	(12)	(12)
Inflammation, Chronic	2 (17%)	
Trachea	(12)	(12)
Inflammation, Chronic	2 (17%)	3 (25%)
SPECIAL SENSES SYSTEM		
Eye	(12)	(12)
Harderian Gland	(12)	(12)
Inflammation, Chronic	2 (17%)	2 (17%)
URINARY SYSTEM		
Kidney	(24)	(24)
Infiltration Cellular, Mononuclear CI	4 (17%)	4 (17%)
Mineralization	4 (17%)	2 (8%)

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

Experiment Number: 20540-02

Test Type: 150-DAY

Route: GAVAGE

Species/Strain: Rat/F344/N Tac

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

Test Compound: Methyleugenol (TGMX rat liver evaluation)

CAS Number: 93-15-2

Date Report Requested: 10/20/2014

Time Report Requested: 20:01:55

First Dose M/F: NA / NA

Lab: BAT

F344/N Tac Rat MALE	0 mg/kg	MEG 150 mg/kg
Nephropathy	8 (33%)	6 (25%)
Urinary Bladder	(12)	(12)

**** END OF REPORT ****