

Experiment Number: 05069-11
Test Type: INIT/PROMOT
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:24:58
First Dose M/F: NA / NA
Lab: TSI MASON

C Number: C60902C
Lock Date: Not Entered.
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: 05069-11
 Test Type: INIT/PROMOT
 Route: DOSED WATER
 Species/Strain: Rat/F 344/N

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
 AVERAGE SEVERITY GRADES[b]**
 Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
 CAS Number: 147-47-7

Date Report Requested: 10/18/2014
 Time Report Requested: 16:24:58
 First Dose M/F: NA / NA
 Lab: TSI MASON

F 344/N Rat MALE	DEN/TMQ	DEN/ ACETONE	DEN/PB	TMQ/ ACETONE	TMQ/PB	SALINE/ ACETONE
Disposition Summary						
Animals Initially In Study	20	20	20	20	20	20
Early Deaths						
Survivors						
Terminal Sacrifice	20	20	20	20	20	20
Animals Examined Microscopically	20	20	20	20	20	20
ALIMENTARY SYSTEM						
Liver	(20)	(20)	(20)	(20)	(20)	(20)
Basophilic Focus		2 [2.0]	6 [1.0]			
Centrilobular, Fatty Change		1 [2.0]		9 [1.7]		7 [1.1]
Clear Cell Focus	38 [1.2]	19 [1.7]	40 [2.9]	3 [1.0]	2 [1.0]	
Degeneration, Ballooning, Focal		2 [1.0]	2 [1.0]			
Developmental Malformation	2	1		2		1
Ectasia, Focal						1 [1.0]
Eosinophilic Focus	2 [2.0]	1 [1.0]	8 [1.0]			
Fatty Change, Diffuse	16 [1.9]	19 [1.7]		11 [1.1]		12 [1.0]
Hematopoietic Cell Proliferation	30 [1.0]	15 [1.3]	16 [1.0]	5 [1.2]	20 [1.1]	5 [1.0]
Hepatocyte, Hyperplasia, Focal	2 [1.0]			1 [1.0]		
Hepatodiaphragmatic Nodule	4	1	2	1		1
Midzonal, Fatty Change	24 [2.5]		40 [2.0]		40 [2.0]	
Mixed Cell Focus	12 [1.0]	18 [1.2]	40 [2.9]		2 [1.0]	
Serosa, Fibrosis, Focal			2 [1.0]			
Venule, Dilatation	6 [1.0]	1 [1.0]				
Venule, Ectasia, Focal		2 [1.0]		1 [1.0]		1 [1.0]
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE 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)

Experiment Number: 05069-11
Test Type: INIT/PROMOT
Route: DOSED WATER
Species/Strain: Rat/F 344/N

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:24:58
First Dose M/F: NA / NA
Lab: TSI MASON

F 344/N Rat MALE	DEN/TMQ	DEN/ ACETONE	DEN/PB	TMQ/ ACETONE	TMQ/PB	SALINE/ ACETONE
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
None						
URINARY 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)

Experiment Number: 05069-11
Test Type: INIT/PROMOT
Route: DOSED WATER
Species/Strain: Rat/F 344/N

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

Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:24:58
First Dose M/F: NA / NA
Lab: TSI MASON

F 344/N Rat MALE	SALINE/ PB
Disposition Summary	
Animals Initially In Study	20
Early Deaths	
Survivors	
Terminal Sacrifice	20
Animals Examined Microscopically	20

ALIMENTARY SYSTEM

Liver	(20)
Basophilic Focus	
Centrilobular, Fatty Change	
Clear Cell Focus	
Degeneration, Ballooning, Focal	
Developmental Malformation	2
Ectasia, Focal	
Eosinophilic Focus	
Fatty Change, Diffuse	
Hematopoietic Cell Proliferation	10 [1.1]
Hepatocyte, Hyperplasia, Focal	
Hepatodiaphragmatic Nodule	
Midzonal, Fatty Change	20 [2.1]
Mixed Cell Focus	
Serosa, Fibrosis, Focal	
Venule, Dilatation	
Venule, Ectasia, Focal	

CARDIOVASCULAR SYSTEM

None

ENDOCRINE 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)

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

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

Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)

CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:24:58

First Dose M/F: NA / NA

Lab: TSI MASON

F 344/N Rat MALE	SALINE/ PB
None	
GENERAL BODY SYSTEM	
None	
GENITAL SYSTEM	
None	
HEMATOPOIETIC SYSTEM	
None	
INTEGUMENTARY SYSTEM	
None	
MUSCULOSKELETAL SYSTEM	
None	
NERVOUS SYSTEM	
None	
RESPIRATORY SYSTEM	
None	
SPECIAL SENSES SYSTEM	
None	
URINARY SYSTEM	
None	

**** END OF REPORT ****

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)