

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|---------------------|--|---|---|
| ANIMAL ID: 1 | TRT#: 1 DOSE: DEN/TMQ | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 198 HISTO: 901041 |
|---------------------|--|---|---|

| | | | |
|-----------------------------|----------|----------------------------------|---------|
| OBSERVATIONS | | | |
| Liver | | Clear Cell Focus | Minimal |
| | | Clear Cell Focus | Minimal |
| | Midzonal | Fatty Change | Mild |
| | Midzonal | Fatty Change | Mild |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| [Fatty Change TGLS = 1-3] | | | |
| [Fatty Change TGLS = 1-3] | | | |

| | |
|-------------------------------|---|
| PRIMARY CAUSE OF DEATH | - |
|-------------------------------|---|

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|---|--|--|--|
| ANIMAL ID: 2 | TRT#: 1 DOSE: DEN/TMQ | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 198 HISTO: 901042 |
| OBSERVATIONS | | | |
| Liver | | Clear Cell Focus Clear Cell Focus Fatty Change Fatty Change Hematopoietic Cell Proliferation Hematopoietic Cell Proliferation Mixed Cell Focus Mixed Cell Focus | Minimal Minimal Diffuse, Minimal Diffuse, Minimal Minimal Minimal Minimal Minimal |
| <hr/> PRIMARY CAUSE OF DEATH - <hr/> | | | |

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|---------------------|--|---|---|
| ANIMAL ID: 3 | TRT#: 1 DOSE: DEN/TMQ | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 198 HISTO: 901043 |
|---------------------|--|---|---|

| | | | |
|-----------------------------|--|------------------|---------------|
| OBSERVATIONS | | | |
| Liver | | Clear Cell Focus | Minimal |
| | | Clear Cell Focus | Minimal |
| | | Fatty Change | Diffuse, Mild |
| | | Fatty Change | Diffuse, Mild |
| | | Mixed Cell Focus | Minimal |
| | | Mixed Cell Focus | Minimal |
| [Fatty Change TGLS = 1-3] | | | |
| [Fatty Change TGLS = 1-3] | | | |

| | |
|-------------------------------|---|
| PRIMARY CAUSE OF DEATH | - |
|-------------------------------|---|

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|-----------------------------------|--|--|--|
| ANIMAL ID: 4 | TRT#: 1 DOSE: DEN/TMQ | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 198 HISTO: 901044 |
| OBSERVATIONS | | | |
| Liver | | Clear Cell Focus Clear Cell Focus Fatty Change Fatty Change Hematopoietic Cell Proliferation Hematopoietic Cell Proliferation Hepatodiaphragmatic Nodule Hepatodiaphragmatic Nodule Mixed Cell Focus Mixed Cell Focus | Minimal Minimal Diffuse, Mild Diffuse, Mild Minimal Minimal Minimal Minimal |
| [Clear Cell Focus TGLS = 2-3] | | | |
| [Clear Cell Focus TGLS = 2-3] | | | |
| [Fatty Change TGLS = 2-3] | | | |
| [Fatty Change TGLS = 2-3] | | | |
| [Mixed Cell Focus TGLS = 1-3.1] | | | |
| [Mixed Cell Focus TGLS = 1-3.1] | | | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|---------------------------------|--|--|--|
| ANIMAL ID: 5 | TRT#: 1 DOSE: DEN/TMQ | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 199 HISTO: 901045 |
| OBSERVATIONS | | | |
| Liver | | Clear Cell Focus Clear Cell Focus Fatty Change Fatty Change Hematopoietic Cell Proliferation Hematopoietic Cell Proliferation | Minimal Minimal Diffuse, Mild Diffuse, Mild Minimal Minimal |
| PRIMARY CAUSE OF DEATH - | | | |

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|---------------------------------------|--|--|--|
| ANIMAL ID: 6 | TRT#: 1 DOSE: DEN/TMQ | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 198 HISTO: 901046 |
| OBSERVATIONS | | | |
| Liver | | Clear Cell Focus Clear Cell Focus Fatty Change Fatty Change Mixed Cell Focus Mixed Cell Focus | Minimal Minimal Diffuse, Mild Diffuse, Mild Minimal Minimal |
| <hr/> PRIMARY CAUSE OF DEATH - | | | |

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|---|--|--|--|
| ANIMAL ID: 7 | TRT#: 1 DOSE: DEN/TMQ | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 199 HISTO: 901047 |
| OBSERVATIONS | | | |
| Liver | | Clear Cell Focus Clear Cell Focus Fatty Change Fatty Change Hematopoietic Cell Proliferation Hematopoietic Cell Proliferation | Minimal Minimal Diffuse, Mild Diffuse, Mild Minimal Minimal |
| [Fatty Change TGLS = 1-3] | | | |
| [Fatty Change TGLS = 1-3] | | | |
| <hr/> PRIMARY CAUSE OF DEATH - <hr/> | | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

| | | | |
|---------------------|--|---|---|
| ANIMAL ID: 8 | TRT#: 1 DOSE: DEN/TMQ | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 199 HISTO: 901048 |
|---------------------|--|---|---|

| | | | |
|-----------------------------|--|------------------|---------------|
| OBSERVATIONS | | | |
| Liver | | Clear Cell Focus | Minimal |
| | | Clear Cell Focus | Minimal |
| | | Fatty Change | Diffuse, Mild |
| | | Fatty Change | Diffuse, Mild |
| [Fatty Change TGLS = 1-3] | | | |
| [Fatty Change TGLS = 1-3] | | | |

| | |
|-------------------------------|---|
| PRIMARY CAUSE OF DEATH | - |
|-------------------------------|---|

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|-------------------------------------|--|---|---|
| ANIMAL ID: 9 | TRT#: 1 DOSE: DEN/TMQ | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 198 HISTO: 901049 |
| OBSERVATIONS | | | |
| Liver | | Clear Cell Focus | Minimal |
| | | Clear Cell Focus | Minimal |
| | Venule | Dilatation | Minimal |
| | Venule | Dilatation | Minimal |
| | Midzonal | Fatty Change | Moderate |
| | Midzonal | Fatty Change | Moderate |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| [Clear Cell Focus TGLS = 1,3-3.1] | | | |
| [Clear Cell Focus TGLS = 1,3-3.1] | | | |
| [Fatty Change TGLS = 2-3] | | | |
| [Fatty Change TGLS = 2-3] | | | |
| <hr/> | | | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 199

DOSE: DEN/TMQ

DISP: Terminal Sacrifice

HISTO: 901050

OBSERVATIONS

| | | | |
|-------------------------------|------------|----------------------------------|----------------|
| Liver | | Clear Cell Focus | Minimal |
| | | Clear Cell Focus | Minimal |
| | Midzonal | Fatty Change | Moderate |
| | Midzonal | Fatty Change | Moderate |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | Hepatocyte | Hyperplasia | Focal, Minimal |
| | Hepatocyte | Hyperplasia | Focal, Minimal |
| [Fatty Change TGLS = 1-3.1] | | | |
| [Fatty Change TGLS = 1-3.1] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|----------------------|--|---|---|
| ANIMAL ID: 11 | TRT#: 1 DOSE: DEN/TMQ | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 199 HISTO: 901051 |
|----------------------|--|---|---|

OBSERVATIONS

| | | | |
|-------------------------------|----------|----------------------------------|---------|
| Liver | | Clear Cell Focus | Minimal |
| | | Clear Cell Focus | Minimal |
| | | Developmental Malformation | |
| | | Developmental Malformation | |
| | Midzonal | Fatty Change | Mild |
| | Midzonal | Fatty Change | Mild |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Mixed Cell Focus | Minimal |
| | | Mixed Cell Focus | Minimal |
| [Fatty Change TGLS = 1-3.1] | | | |
| [Fatty Change TGLS = 1-3.1] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 198

DOSE: DEN/TMQ

DISP: Terminal Sacrifice

HISTO: 901052

OBSERVATIONS

Liver

Clear Cell Focus

Minimal

Clear Cell Focus

Minimal

Fatty Change

Diffuse, Mild

Fatty Change

Diffuse, Mild

Mixed Cell Focus

Minimal

Mixed Cell Focus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 199

DOSE: DEN/TMQ

DISP: Terminal Sacrifice

HISTO: 901053

OBSERVATIONS

Liver

Clear Cell Focus

Mild

Clear Cell Focus

Mild

Midzonal

Fatty Change

Mild

Midzonal

Fatty Change

Mild

Hematopoietic Cell Proliferation

Minimal

Hematopoietic Cell Proliferation

Minimal

[Fatty Change TGLS = 1-3.1]

[Fatty Change TGLS = 1-3.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 199

DOSE: DEN/TMQ

DISP: Terminal Sacrifice

HISTO: 901054

OBSERVATIONS

Liver

Clear Cell Focus

Mild

Clear Cell Focus

Mild

Midzonal

Fatty Change

Moderate

Midzonal

Fatty Change

Moderate

Hematopoietic Cell Proliferation

Minimal

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 198

DOSE: DEN/TMQ

DISP: Terminal Sacrifice

HISTO: 901055

OBSERVATIONS

Liver

Clear Cell Focus

Minimal

Clear Cell Focus

Minimal

Midzonal

Fatty Change

Mild

Midzonal

Fatty Change

Mild

Hematopoietic Cell Proliferation

Minimal

Hematopoietic Cell Proliferation

Minimal

[Fatty Change TGLS = 1-3]

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 199

DOSE: DEN/TMQ

DISP: Terminal Sacrifice

HISTO: 901056

OBSERVATIONS

Liver

Clear Cell Focus

Minimal

Clear Cell Focus

Minimal

Midzonal

Fatty Change

Moderate

Midzonal

Fatty Change

Moderate

[Fatty Change TGLS = 1-3]

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 199

DOSE: DEN/TMQ

DISP: Terminal Sacrifice

HISTO: 901057

OBSERVATIONS

Liver

Clear Cell Focus

Minimal

Clear Cell Focus

Minimal

Midzonal

Fatty Change

Mild

Midzonal

Fatty Change

Mild

Hematopoietic Cell Proliferation

Minimal

Hematopoietic Cell Proliferation

Minimal

Hepatocellular Adenoma

Hepatocellular Adenoma

Hepatodiaphragmatic Nodule

Hepatodiaphragmatic Nodule

[Clear Cell Focus TGLS = 2-3]

[Clear Cell Focus TGLS = 2-3]

[Fatty Change TGLS = 1-3]

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 198

DOSE: DEN/TMQ

DISP: Terminal Sacrifice

HISTO: 901058

OBSERVATIONS

Liver

Clear Cell Focus

Mild

Clear Cell Focus

Mild

Venule

Dilatation

Minimal

Venule

Dilatation

Minimal

Midzonal

Fatty Change

Moderate

Midzonal

Fatty Change

Moderate

Hematopoietic Cell Proliferation

Minimal

Hematopoietic Cell Proliferation

Minimal

[Fatty Change TGLS = 1-3]

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 199

DOSE: DEN/TMQ

DISP: Terminal Sacrifice

HISTO: 901059

OBSERVATIONS

Liver

Venule

Dilatation

Minimal

Venule

Dilatation

Minimal

Midzonal

Fatty Change

Mild

Midzonal

Fatty Change

Mild

Hematopoietic Cell Proliferation

Minimal

Hematopoietic Cell Proliferation

Minimal

[Fatty Change TGLS = 1-3.1]

[Fatty Change TGLS = 1-3.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 198

DOSE: DEN/TMQ

DISP: Terminal Sacrifice

HISTO: 901060

OBSERVATIONS

Liver

Clear Cell Focus

Minimal

Clear Cell Focus

Minimal

Eosinophilic Focus

Mild

Eosinophilic Focus

Mild

Midzonal

Fatty Change

Moderate

Midzonal

Fatty Change

Moderate

Hematopoietic Cell Proliferation

Minimal

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21

TRT#: 2
DOSE: DEN/ ACETONE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 199
HISTO: 901061

OBSERVATIONS

Liver

Venule

Clear Cell Focus
Dilatation
Fatty Change
Mixed Cell Focus

Mild
Minimal
Diffuse, Mild
Minimal

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|-------------------------------|---|--|---|
| ANIMAL ID: 22 | TRT#: 2 DOSE: DEN/ ACETONE | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 199 HISTO: 901062 |
| OBSERVATIONS | | | |
| Liver | | Clear Cell Focus Fatty Change Hematopoietic Cell Proliferation Mixed Cell Focus | Minimal Diffuse, Mild Minimal Minimal |
| <hr/> | | | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23

TRT#: 2

SEX: Male

DAY ON TEST: 198

DOSE: DEN/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901063

OBSERVATIONS

Liver

Basophilic Focus

Mild

Clear Cell Focus

Minimal

Degeneration

Ballooning, Focal, Minimal

Venule

Ectasia

Focal, Minimal

Centrilobular

Fatty Change

Mild

Hematopoietic Cell Proliferation

Mild

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 24

TRT#: 2

SEX: Male

DAY ON TEST: 198

DOSE: DEN/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901064

OBSERVATIONS

Liver

Clear Cell Focus

Mild

Fatty Change

Diffuse, Minimal

Hematopoietic Cell Proliferation

Minimal

Mixed Cell Focus

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 25

TRT#: 2

SEX: Male

DAY ON TEST: 199

DOSE: DEN/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901065

OBSERVATIONS

Liver

Clear Cell Focus

Minimal

Developmental Malformation

Fatty Change

Diffuse, Minimal

Mixed Cell Focus

Minimal

[Fatty Change TGLS = 1-3.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26

TRT#: 2

SEX: Male

DAY ON TEST: 199

DOSE: DEN/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901066

OBSERVATIONS

Liver

Basophilic Focus

Mild

Clear Cell Focus

Mild

Fatty Change

Diffuse, Mild

Hematopoietic Cell Proliferation

Minimal

Mixed Cell Focus

Mild

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27

TRT#: 2

SEX: Male

DAY ON TEST: 198

DOSE: DEN/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901067

OBSERVATIONS

Liver

Clear Cell Focus

Minimal

Degeneration

Ballooning, Focal, Minimal

Fatty Change

Diffuse, Mild

Hematopoietic Cell Proliferation

Minimal

Mixed Cell Focus

Minimal

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28

TRT#: 2

SEX: Male

DAY ON TEST: 198

DOSE: DEN/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901068

OBSERVATIONS

Liver

Clear Cell Focus
Eosinophilic Focus
Fatty Change
Mixed Cell Focus

Mild
Minimal
Diffuse, Moderate
Minimal

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29

TRT#: 2
DOSE: DEN/ ACETONE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 198
HISTO: 901069

OBSERVATIONS

Liver

Venule

Clear Cell Focus
Ectasia
Fatty Change
Mixed Cell Focus

Mild
Focal, Minimal
Diffuse, Mild
Minimal

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30

TRT#: 2

SEX: Male

DAY ON TEST: 199

DOSE: DEN/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901070

OBSERVATIONS

Liver

Clear Cell Focus

Mild

Fatty Change

Diffuse, Minimal

Hematopoietic Cell Proliferation

Minimal

Mixed Cell Focus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 31

TRT#: 2

SEX: Male

DAY ON TEST: 198

DOSE: DEN/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901071

OBSERVATIONS

Liver

Clear Cell Focus

Mild

Fatty Change

Diffuse, Mild

Hematopoietic Cell Proliferation

Minimal

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32

TRT#: 2

SEX: Male

DAY ON TEST: 198

DOSE: DEN/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901072

OBSERVATIONS

Liver

Clear Cell Focus

Mild

Fatty Change

Diffuse, Mild

Hematopoietic Cell Proliferation

Mild

Mixed Cell Focus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33

TRT#: 2

SEX: Male

DAY ON TEST: 199

DOSE: DEN/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901073

OBSERVATIONS

Liver

Clear Cell Focus

Mild

Fatty Change

Diffuse, Minimal

Hematopoietic Cell Proliferation

Minimal

Mixed Cell Focus

Minimal

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|----------------------|---|---|---|
| ANIMAL ID: 34 | TRT#: 2 DOSE: DEN/ ACETONE | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 199 HISTO: 901074 |
|----------------------|---|---|---|

| | | | |
|-----------------------------|--|----------------------------------|------------------|
| OBSERVATIONS | | | |
| Liver | | Clear Cell Focus | Minimal |
| | | Fatty Change | Diffuse, Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Mixed Cell Focus | Minimal |
| [Fatty Change TGLS = 1-3] | | | |

| | | | |
|-------------------------------|---|--|--|
| PRIMARY CAUSE OF DEATH | - | | |
|-------------------------------|---|--|--|

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 35

TRT#: 2

SEX: Male

DAY ON TEST: 199

DOSE: DEN/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901075

OBSERVATIONS

Liver

Clear Cell Focus

Minimal

Fatty Change

Diffuse, Minimal

Mixed Cell Focus

Mild

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36

TRT#: 2

SEX: Male

DAY ON TEST: 198

DOSE: DEN/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901076

OBSERVATIONS

Liver

Fatty Change

Diffuse, Minimal

Hematopoietic Cell Proliferation

Minimal

Mixed Cell Focus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37

TRT#: 2

SEX: Male

DAY ON TEST: 199

DOSE: DEN/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901077

OBSERVATIONS

Liver

Clear Cell Focus

Mild

Fatty Change

Diffuse, Mild

Hematopoietic Cell Proliferation

Minimal

Mixed Cell Focus

Mild

Note: [MIXED CL FOCUS] TGLs = 1,2-3+3.1

[Fatty Change TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 38

TRT#: 2

SEX: Male

DAY ON TEST: 198

DOSE: DEN/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901078

OBSERVATIONS

Liver

Clear Cell Focus

Minimal

Fatty Change

Diffuse, Mild

Hematopoietic Cell Proliferation

Mild

Mixed Cell Focus

Minimal

Note: [CLEAR CL FOCUS] TGLs = 2-3.1

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 39

TRT#: 2

SEX: Male

DAY ON TEST: 199

DOSE: DEN/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901079

OBSERVATIONS

Liver

Clear Cell Focus

Mild

Fatty Change

Diffuse, Mild

Hematopoietic Cell Proliferation

Mild

Mixed Cell Focus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40

TRT#: 2

SEX: Male

DAY ON TEST: 198

DOSE: DEN/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901080

OBSERVATIONS

Liver

Clear Cell Focus

Moderate

Fatty Change

Diffuse, Mild

Hematopoietic Cell Proliferation

Minimal

Hepatodiaphragmatic Nodule

Mixed Cell Focus

Minimal

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|----------------------|---------------------------------------|---|---|
| ANIMAL ID: 41 | TRT#: 3 DOSE: DEN/PB | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 199 HISTO: 901081 |
|----------------------|---------------------------------------|---|---|

| | | | |
|--------------------------|----------------|------------------|----------|
| OBSERVATIONS | | | |
| Liver | | Clear Cell Focus | Moderate |
| | | Clear Cell Focus | Moderate |
| | Midzonal | Fatty Change | Mild |
| | Midzonal | Fatty Change | Mild |
| | | Mixed Cell Focus | Moderate |
| | | Mixed Cell Focus | Moderate |
| Note: [CLEAR CL FOCUS] | TGLs = 2-3+3.1 | | |
| Note: [MIXED CL FOCUS] | TGLs = 1-3+3.1 | | |
| Note: [CLEAR CL FOCUS] | TGLs = 2-3+3.1 | | |
| Note: [MIXED CL FOCUS] | TGLs = 1-3+3.1 | | |

| | |
|-------------------------------|---|
| PRIMARY CAUSE OF DEATH | - |
|-------------------------------|---|

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 42

TRT#: 3

SEX: Male

DAY ON TEST: 199

DOSE: DEN/PB

DISP: Terminal Sacrifice

HISTO: 901082

OBSERVATIONS

Liver

Basophilic Focus

Minimal

Basophilic Focus

Minimal

Clear Cell Focus

Moderate

Clear Cell Focus

Moderate

Eosinophilic Focus

Minimal

Eosinophilic Focus

Minimal

Midzonal

Fatty Change

Mild

Midzonal

Fatty Change

Mild

Mixed Cell Focus

Moderate

Mixed Cell Focus

Moderate

[Clear Cell Focus TGLS = 1-3]

[Clear Cell Focus TGLS = 1-3]

[Fatty Change TGLS = 2-3]

[Fatty Change TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|---------------------------------------|---------------------------------------|---|---|
| ANIMAL ID: 43 | TRT#: 3 DOSE: DEN/PB | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 199 HISTO: 901083 |
| OBSERVATIONS | | | |
| Liver | | Clear Cell Focus | Moderate |
| | | Clear Cell Focus | Moderate |
| | Midzonal | Fatty Change | Mild |
| | Midzonal | Fatty Change | Mild |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Hepatocellular Adenoma | |
| | | Hepatocellular Adenoma | |
| | | Mixed Cell Focus | Moderate |
| | | Mixed Cell Focus | Moderate |
| | | [Clear Cell Focus TGLS = 2-3] | |
| | | [Clear Cell Focus TGLS = 2-3] | |
| | | [Fatty Change TGLS = 1-3] | |
| | | [Fatty Change TGLS = 1-3] | |
| <hr/> PRIMARY CAUSE OF DEATH - | | | |

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 44

TRT#: 3
DOSE: DEN/PB

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 198
HISTO: 901084

OBSERVATIONS

Liver

Midzonal
Midzonal

Clear Cell Focus
Clear Cell Focus
Fatty Change
Fatty Change
Hematopoietic Cell Proliferation
Hematopoietic Cell Proliferation
Mixed Cell Focus
Mixed Cell Focus

Moderate
Moderate
Mild
Mild
Minimal
Minimal
Moderate
Moderate

[Clear Cell Focus TGLS = 2-3]
[Clear Cell Focus TGLS = 2-3]
[Fatty Change TGLS = 1-3]
[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|---|---------------------------------------|---|---|
| ANIMAL ID: 45 | TRT#: 3 DOSE: DEN/PB | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 198 HISTO: 901085 |
| OBSERVATIONS | | | |
| Liver | | Clear Cell Focus | Moderate |
| | | Clear Cell Focus | Moderate |
| | Midzonal | Fatty Change | Mild |
| | Midzonal | Fatty Change | Mild |
| | | Hepatocellular Carcinoma | |
| | | Hepatocellular Carcinoma | |
| | | Mixed Cell Focus | Mild |
| | | Mixed Cell Focus | Mild |
| Note: [MIXED CL FOCUS] TGLs = 3-3+3.1 | | | |
| Note: [CLEAR CL FOCUS] TGLs = 4-3+3.1 | | | |
| Note: [HEPATOCLR CARC] TGLs = 1,2-3.2+3.3 | | | |
| Note: [MIXED CL FOCUS] TGLs = 3-3+3.1 | | | |
| Note: [CLEAR CL FOCUS] TGLs = 4-3+3.1 | | | |
| Note: [HEPATOCLR CARC] TGLs = 1,2-3.2+3.3 | | | |
| <hr/> PRIMARY CAUSE OF DEATH - | | | |

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|----------------------|---------------------------------------|---|---|
| ANIMAL ID: 46 | TRT#: 3 DOSE: DEN/PB | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 198 HISTO: 901086 |
|----------------------|---------------------------------------|---|---|

OBSERVATIONS

| | | | |
|-----------------------------|----------|------------------|----------|
| Liver | | Clear Cell Focus | Moderate |
| | | Clear Cell Focus | Moderate |
| | Midzonal | Fatty Change | Mild |
| | Midzonal | Fatty Change | Mild |
| | | Mixed Cell Focus | Mild |
| | | Mixed Cell Focus | Mild |
| [Fatty Change TGLS = 1-3] | | | |
| [Fatty Change TGLS = 1-3] | | | |

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|-------------------------------|---------------------------------------|--|--|
| ANIMAL ID: 47 | TRT#: 3 DOSE: DEN/PB | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 199 HISTO: 901087 |
| OBSERVATIONS | | | |
| Liver | | Clear Cell Focus Clear Cell Focus Degeneration Degeneration Eosinophilic Focus Eosinophilic Focus Fatty Change Fatty Change Mixed Cell Focus Mixed Cell Focus | Moderate Moderate Ballooning, Focal, Minimal Ballooning, Focal, Minimal Minimal Minimal Mild Mild Moderate Moderate |
| | Midzonal Midzonal | | |
| Note: [CLEAR CL FOCUS] | TGLs = 1-3+3.1 | | |
| Note: [MIXED CL FOCUS] | TGLs = 2-3+3.2 | | |
| Note: [CLEAR CL FOCUS] | TGLs = 1-3+3.1 | | |
| Note: [MIXED CL FOCUS] | TGLs = 2-3+3.2 | | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48

TRT#: 3
DOSE: DEN/PB

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 198
HISTO: 901088

OBSERVATIONS

Liver

| | |
|------------------------|----------|
| Clear Cell Focus | Moderate |
| Clear Cell Focus | Moderate |
| Eosinophilic Focus | Minimal |
| Eosinophilic Focus | Minimal |
| Fatty Change | Mild |
| Fatty Change | Mild |
| Hepatocellular Adenoma | |
| Hepatocellular Adenoma | |
| Mixed Cell Focus | Moderate |
| Mixed Cell Focus | Moderate |

[Clear Cell Focus TGLS = 2-3]
[Clear Cell Focus TGLS = 2-3]
[Fatty Change TGLS = 1-3]
[Fatty Change TGLS = 1-3]

Midzonal
Midzonal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 49

TRT#: 3

SEX: Male

DAY ON TEST: 199

DOSE: DEN/PB

DISP: Terminal Sacrifice

HISTO: 901089

OBSERVATIONS

Liver

Midzonal

Midzonal

Clear Cell Focus

Moderate

Clear Cell Focus

Moderate

Fatty Change

Mild

Fatty Change

Mild

Hematopoietic Cell Proliferation

Minimal

Hematopoietic Cell Proliferation

Minimal

Hepatocellular Adenoma

Hepatocellular Adenoma

Hepatodiaphragmatic Nodule

Hepatodiaphragmatic Nodule

Mixed Cell Focus

Moderate

Mixed Cell Focus

Moderate

Note: [MIXED CL FOCUS] TGLs = 2-3+3.1+3.2

Note: [MIXED CL FOCUS] TGLs = 2-3+3.1+3.2

[Clear Cell Focus TGLS = 3-3.2]

[Clear Cell Focus TGLS = 3-3.2]

[Mixed Cell Focus TGLS = 1-3.1]

[Mixed Cell Focus TGLS = 1-3.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50

TRT#: 3
DOSE: DEN/PB

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 198
HISTO: 901090

OBSERVATIONS

Liver

Midzonal
Midzonal

Clear Cell Focus
Clear Cell Focus
Fatty Change
Fatty Change
Mixed Cell Focus
Mixed Cell Focus

Mild
Mild
Mild
Mild
Moderate
Moderate

[Fatty Change TGLS = 1,2-3]

[Fatty Change TGLS = 1,2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 51

TRT#: 3
DOSE: DEN/PB

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 198
HISTO: 901091

OBSERVATIONS

Liver

Clear Cell Focus Moderate
Clear Cell Focus Moderate
Fatty Change Mild
Fatty Change Mild
Hepatocellular Adenoma
Hepatocellular Adenoma
Mixed Cell Focus Moderate
Mixed Cell Focus Moderate

Midzonal
Midzonal

[Clear Cell Focus TGLS = 2-3]
[Clear Cell Focus TGLS = 2-3]
[Fatty Change TGLS = 1-3]
[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 52

TRT#: 3

SEX: Male

DAY ON TEST: 199

DOSE: DEN/PB

DISP: Terminal Sacrifice

HISTO: 901092

OBSERVATIONS

Liver

Clear Cell Focus

Moderate

Clear Cell Focus

Moderate

Midzonal

Fatty Change

Mild

Midzonal

Fatty Change

Mild

Mixed Cell Focus

Moderate

Mixed Cell Focus

Moderate

Note: [MIXED CL FOCUS] TGLs = 1-3+3.1

Note: [CLEAR CL FOCUS] TGLs = 2-3+3.1

Note: [MIXED CL FOCUS] TGLs = 1-3+3.1

Note: [CLEAR CL FOCUS] TGLs = 2-3+3.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|----------------------|---------------------------------------|---|---|
| ANIMAL ID: 53 | TRT#: 3 DOSE: DEN/PB | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 199 HISTO: 901093 |
|----------------------|---------------------------------------|---|---|

OBSERVATIONS

| | | | |
|-------|----------|----------------------------------|----------------|
| Liver | | Basophilic Focus | Minimal |
| | | Basophilic Focus | Minimal |
| | | Clear Cell Focus | Moderate |
| | | Clear Cell Focus | Moderate |
| | Midzonal | Fatty Change | Mild |
| | Midzonal | Fatty Change | Mild |
| | Serosa | Fibrosis | Focal, Minimal |
| | Serosa | Fibrosis | Focal, Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Hepatocellular Adenoma | |
| | | Hepatocellular Adenoma | |
| | | Mixed Cell Focus | Moderate |
| | | Mixed Cell Focus | Moderate |

Note: [MIXED CL FOCUS] TGLs = 1-3+3.1
 Note: [CLEAR CL FOCUS] TGLs = 2-3+3.1
 Note: [MIXED CL FOCUS] TGLs = 1-3+3.1
 Note: [CLEAR CL FOCUS] TGLs = 2-3+3.1

PRIMARY CAUSE OF DEATH -

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|----------------------|---------------------------------------|---|---|
| ANIMAL ID: 54 | TRT#: 3 DOSE: DEN/PB | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 199 HISTO: 901094 |
|----------------------|---------------------------------------|---|---|

OBSERVATIONS

| | | | |
|-------|----------|----------------------------------|----------|
| Liver | | Clear Cell Focus | Moderate |
| | | Clear Cell Focus | Moderate |
| | Midzonal | Fatty Change | Mild |
| | Midzonal | Fatty Change | Mild |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Hepatocellular Carcinoma | |
| | | Hepatocellular Carcinoma | |
| | | Mixed Cell Focus | Moderate |
| | | Mixed Cell Focus | Moderate |

Note: [FATTY CHANGE] TGLs = 2-3+3.1+3.2

Note: [FATTY CHANGE] TGLs = 2-3+3.1+3.2

Note: [HEPATOCLR ADEN] TGLs = 4-3.2

Note: [HEPATOCLR ADEN] TGLs = 4-3.2

[Hepatocellular Carcinoma TGLS = 1-3.1]

[Hepatocellular Carcinoma TGLS = 1-3.1]

[Mixed Cell Focus TGLS = 3-3]

[Mixed Cell Focus TGLS = 3-3]

| | |
|-------------------------------|---|
| PRIMARY CAUSE OF DEATH | - |
|-------------------------------|---|

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 55

TRT#: 3
DOSE: DEN/PB

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 198
HISTO: 901095

OBSERVATIONS

Liver

Midzonal
Midzonal

Clear Cell Focus
Clear Cell Focus
Fatty Change
Fatty Change
Mixed Cell Focus
Mixed Cell Focus

Mild
Mild
Mild
Mild
Moderate
Moderate

[Fatty Change TGLS = 1-3]

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 56

TRT#: 3

SEX: Male

DAY ON TEST: 198

DOSE: DEN/PB

DISP: Terminal Sacrifice

HISTO: 901096

OBSERVATIONS

Liver

Clear Cell Focus

Mild

Clear Cell Focus

Mild

Midzonal

Fatty Change

Mild

Midzonal

Fatty Change

Mild

Mixed Cell Focus

Moderate

Mixed Cell Focus

Moderate

[Fatty Change TGLS = 1-3]

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 57

TRT#: 3
DOSE: DEN/PB

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 198
HISTO: 901097

OBSERVATIONS

| | | | |
|-------|----------|----------------------------------|----------|
| Liver | | Clear Cell Focus | Moderate |
| | | Clear Cell Focus | Moderate |
| | | Eosinophilic Focus | Minimal |
| | | Eosinophilic Focus | Minimal |
| | Midzonal | Fatty Change | Mild |
| | Midzonal | Fatty Change | Mild |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Mixed Cell Focus | Moderate |
| | | Mixed Cell Focus | Moderate |

Note: [EOSIN FOCUS] TGLs = 1-3.1

Note: [EOSIN FOCUS] TGLs = 1-3.1

[Fatty Change TGLS = 2-3]

[Fatty Change TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 58

TRT#: 3
DOSE: DEN/PB

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 199
HISTO: 901098

OBSERVATIONS

Liver

Midzonal
Midzonal

Basophilic Focus
Basophilic Focus
Clear Cell Focus
Clear Cell Focus
Fatty Change
Fatty Change
Hematopoietic Cell Proliferation
Hematopoietic Cell Proliferation
Mixed Cell Focus
Mixed Cell Focus

Minimal
Minimal
Moderate
Moderate
Mild
Mild
Minimal
Minimal
Moderate
Moderate

Note: [CLEAR CL FOCUS] TGLs = 2-3+3.1

Note: [FATTY CHANGE] TGLs = 1-3+3.1

Note: [FATTY CHANGE] TGLs = 1-3+3.1

Note: [CLEAR CL FOCUS] TGLs = 2-3+3.1

[Mixed Cell Focus TGLS = 3-3.1]

[Mixed Cell Focus TGLS = 3-3.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 59

TRT#: 3

SEX: Male

DAY ON TEST: 199

DOSE: DEN/PB

DISP: Terminal Sacrifice

HISTO: 901099

OBSERVATIONS

Liver

Clear Cell Focus

Moderate

Clear Cell Focus

Moderate

Midzonal

Fatty Change

Mild

Midzonal

Fatty Change

Mild

Hematopoietic Cell Proliferation

Minimal

Hematopoietic Cell Proliferation

Minimal

Mixed Cell Focus

Moderate

Mixed Cell Focus

Moderate

[Clear Cell Focus TGLS = 1-3]

[Clear Cell Focus TGLS = 1-3]

[Fatty Change TGLS = 2-3]

[Fatty Change TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 60

TRT#: 3
DOSE: DEN/PB

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 198
HISTO: 901100

OBSERVATIONS

Liver

Clear Cell Focus
Clear Cell Focus
Fatty Change
Fatty Change
Mixed Cell Focus
Mixed Cell Focus

Moderate
Moderate
Mild
Mild
Moderate
Moderate

Midzonal
Midzonal

[Clear Cell Focus TGLS = 2-3]
[Clear Cell Focus TGLS = 2-3]
[Fatty Change TGLS = 1,3-3]
[Fatty Change TGLS = 1,3-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|----------------------|---------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 61 | TRT#: 4 | SEX: Male | DAY ON TEST: 198 |
| | DOSE: TMQ/ ACETONE | DISP: Terminal Sacrifice | HISTO: 901101 |

OBSERVATIONS

| | | | |
|-------|---------------|--------------|------|
| Liver | Centrilobular | Fatty Change | Mild |
|-------|---------------|--------------|------|

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 62

TRT#: 4

SEX: Male

DAY ON TEST: 199

DOSE: TMQ/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901102

OBSERVATIONS

Liver

Developmental Malformation

Fatty Change

Hematopoietic Cell Proliferation

Diffuse, Minimal

Minimal

Note: [FATTY CHANGE] TGLs = 2-3

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 63

TRT#: 4

SEX: Male

DAY ON TEST: 199

DOSE: TMQ/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901103

OBSERVATIONS

Liver

Fatty Change

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 64

TRT#: 4

SEX: Male

DAY ON TEST: 199

DOSE: TMQ/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901104

OBSERVATIONS

Liver

Clear Cell Focus

Minimal

Fatty Change

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 65

TRT#: 4

SEX: Male

DAY ON TEST: 198

DOSE: TMQ/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901105

OBSERVATIONS

Liver

Fatty Change

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 66

TRT#: 4

SEX: Male

DAY ON TEST: 199

DOSE: TMQ/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901106

OBSERVATIONS

Liver

Fatty Change

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 67

TRT#: 4

SEX: Male

DAY ON TEST: 198

DOSE: TMQ/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901107

OBSERVATIONS

Liver

Centrilobular

Fatty Change

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 68

TRT#: 4

SEX: Male

DAY ON TEST: 199

DOSE: TMQ/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901108

OBSERVATIONS

Liver

Clear Cell Focus

Minimal

Fatty Change

Diffuse, Minimal

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 69

TRT#: 4

SEX: Male

DAY ON TEST: 199

DOSE: TMQ/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901109

OBSERVATIONS

Liver

Fatty Change

Diffuse, Minimal

Hematopoietic Cell Proliferation

Minimal

Hepatodiaphragmatic Nodule

[Fatty Change TGLS = 1-3.1]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 70

TRT#: 4

SEX: Male

DAY ON TEST: 198

DOSE: TMQ/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901110

OBSERVATIONS

Liver

Centrilobular

Fatty Change

Mild

Note: [FATTY CHANGE] TGLs = 1-3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 71

TRT#: 4

SEX: Male

DAY ON TEST: 198

DOSE: TMQ/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901111

OBSERVATIONS

Liver

Centrilobular

Fatty Change

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 72

TRT#: 4

SEX: Male

DAY ON TEST: 199

DOSE: TMQ/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901112

OBSERVATIONS

Liver

Developmental Malformation

Fatty Change

Diffuse, Minimal

[Developmental Malformation TGLS = 1-3.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 73

TRT#: 4

SEX: Male

DAY ON TEST: 198

DOSE: TMQ/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901113

OBSERVATIONS

Liver

Centrilobular

Fatty Change

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 74

TRT#: 4

SEX: Male

DAY ON TEST: 198

DOSE: TMQ/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901114

OBSERVATIONS

Liver

Centrilobular

Fatty Change

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 75

TRT#: 4

SEX: Male

DAY ON TEST: 199

DOSE: TMQ/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901115

OBSERVATIONS

Liver

Fatty Change

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 76

TRT#: 4

SEX: Male

DAY ON TEST: 198

DOSE: TMQ/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901116

OBSERVATIONS

Liver

Centrilobular

Fatty Change

Mild

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 77

TRT#: 4

SEX: Male

DAY ON TEST: 199

DOSE: TMQ/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901117

OBSERVATIONS

Liver

Clear Cell Focus

Minimal

Fatty Change

Diffuse, Minimal

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 78

TRT#: 4

SEX: Male

DAY ON TEST: 198

DOSE: TMQ/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901118

OBSERVATIONS

Liver

Venule

Ectasia

Focal, Minimal

Centrilobular

Fatty Change

Minimal

Note: [FATTY CHANGE] TGLs = 1-3+3.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 79

TRT#: 4

SEX: Male

DAY ON TEST: 198

DOSE: TMQ/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901119

OBSERVATIONS

Liver

Centrilobular

Fatty Change

Mild

Hematopoietic Cell Proliferation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 80

TRT#: 4

SEX: Male

DAY ON TEST: 199

DOSE: TMQ/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901120

OBSERVATIONS

Liver

Hepatocyte

Fatty Change

Hyperplasia

Diffuse, Minimal

Focal, Minimal

[Fatty Change TGLS = 1-3.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|----------------------|---------------------------------------|---|---|
| ANIMAL ID: 81 | TRT#: 5 DOSE: TMQ/PB | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 198 HISTO: 901121 |
|----------------------|---------------------------------------|---|---|

OBSERVATIONS

| | | | |
|-------|----------|----------------------------------|---------|
| Liver | Midzonal | Fatty Change | Mild |
| | Midzonal | Fatty Change | Mild |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 82

TRT#: 5

SEX: Male

DAY ON TEST: 199

DOSE: TMQ/PB

DISP: Terminal Sacrifice

HISTO: 901122

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

Midzonal

Fatty Change

Mild

Hematopoietic Cell Proliferation

Minimal

Hematopoietic Cell Proliferation

Minimal

[Fatty Change TGLS = 1-3]

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|-------------------------------|---------------------------------------|--|---|
| ANIMAL ID: 83 | TRT#: 5 DOSE: TMQ/PB | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 199 HISTO: 901123 |
| OBSERVATIONS | | | |
| Liver | Midzonal Midzonal | Fatty Change Fatty Change Hematopoietic Cell Proliferation Hematopoietic Cell Proliferation | Mild Mild Minimal Minimal |
| <hr/> | | | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 84

TRT#: 5
DOSE: TMQ/PB

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 199
HISTO: 901124

OBSERVATIONS

Liver

Midzonal
Midzonal

Fatty Change
Fatty Change

Mild
Mild

Note: [FATTY CHANGE] TGLs = 1-3

Note: [FATTY CHANGE] TGLs = 1-3

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 85

TRT#: 5

SEX: Male

DAY ON TEST: 199

DOSE: TMQ/PB

DISP: Terminal Sacrifice

HISTO: 901125

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

Midzonal

Fatty Change

Mild

[Fatty Change TGLS = 1-3]

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 86

TRT#: 5

SEX: Male

DAY ON TEST: 198

DOSE: TMQ/PB

DISP: Terminal Sacrifice

HISTO: 901126

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

Midzonal

Fatty Change

Mild

Mixed Cell Focus

Minimal

Mixed Cell Focus

Minimal

[Fatty Change TGLS = 1-3.1]

[Fatty Change TGLS = 1-3.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 87

TRT#: 5
DOSE: TMQ/PB

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 199
HISTO: 901127

OBSERVATIONS

Liver

[Fatty Change TGLS = 1-3]
[Fatty Change TGLS = 1-3]

Midzonal
Midzonal

Fatty Change
Fatty Change
Hematopoietic Cell Proliferation
Hematopoietic Cell Proliferation

Mild
Mild
Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 88

TRT#: 5

SEX: Male

DAY ON TEST: 198

DOSE: TMQ/PB

DISP: Terminal Sacrifice

HISTO: 901128

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

Midzonal

Fatty Change

Mild

Hematopoietic Cell Proliferation

Minimal

Hematopoietic Cell Proliferation

Minimal

Note: [FATTY CHANGE] TGLs = 1,2-3+3.1

Note: [FATTY CHANGE] TGLs = 1,2-3+3.1

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 89

TRT#: 5

SEX: Male

DAY ON TEST: 198

DOSE: TMQ/PB

DISP: Terminal Sacrifice

HISTO: 901129

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

Midzonal

Fatty Change

Mild

[Fatty Change TGLS = 1-3]

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 90

TRT#: 5
DOSE: TMQ/PB

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 199
HISTO: 901130

OBSERVATIONS

Liver

Clear Cell Focus

Minimal

Clear Cell Focus

Minimal

Midzonal

Fatty Change

Minimal

Midzonal

Fatty Change

Minimal

[Fatty Change TGLS = 1-3]

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

| | | | |
|-------------------------------|---------------------------------------|---|---|
| ANIMAL ID: 91 | TRT#: 5 DOSE: TMQ/PB | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 198 HISTO: 901131 |
| OBSERVATIONS | | | |
| Liver | Midzonal Midzonal | Fatty Change Fatty Change | Mild Mild |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 92

TRT#: 5

SEX: Male

DAY ON TEST: 198

DOSE: TMQ/PB

DISP: Terminal Sacrifice

HISTO: 901132

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

Midzonal

Fatty Change

Mild

Hematopoietic Cell Proliferation

Minimal

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 93

TRT#: 5

SEX: Male

DAY ON TEST: 198

DOSE: TMQ/PB

DISP: Terminal Sacrifice

HISTO: 901133

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

Midzonal

Fatty Change

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 94

TRT#: 5
DOSE: TMQ/PB

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 198
HISTO: 901134

OBSERVATIONS

Liver

[Fatty Change TGLS = 1-3]
[Fatty Change TGLS = 1-3]

Midzonal
Midzonal

Fatty Change
Fatty Change
Hematopoietic Cell Proliferation
Hematopoietic Cell Proliferation

Mild
Mild
Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 95

TRT#: 5

SEX: Male

DAY ON TEST: 199

DOSE: TMQ/PB

DISP: Terminal Sacrifice

HISTO: 901135

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

Midzonal

Fatty Change

Mild

[Fatty Change TGLS = 1-3]

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 96

TRT#: 5

SEX: Male

DAY ON TEST: 199

DOSE: TMQ/PB

DISP: Terminal Sacrifice

HISTO: 901136

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

Midzonal

Fatty Change

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 97

TRT#: 5
DOSE: TMQ/PB

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 199
HISTO: 901137

OBSERVATIONS

Liver

[Fatty Change TGLS = 1-3]
[Fatty Change TGLS = 1-3]

Midzonal
Midzonal

Fatty Change
Fatty Change
Hematopoietic Cell Proliferation
Hematopoietic Cell Proliferation

Mild
Mild
Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 98

TRT#: 5

SEX: Male

DAY ON TEST: 199

DOSE: TMQ/PB

DISP: Terminal Sacrifice

HISTO: 901138

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

Midzonal

Fatty Change

Mild

Hematopoietic Cell Proliferation

Mild

Hematopoietic Cell Proliferation

Mild

[Fatty Change TGLS = 1,2-3]

[Fatty Change TGLS = 1,2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 99

TRT#: 5

SEX: Male

DAY ON TEST: 198

DOSE: TMQ/PB

DISP: Terminal Sacrifice

HISTO: 901139

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

Midzonal

Fatty Change

Mild

Hematopoietic Cell Proliferation

Minimal

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 100

TRT#: 5
DOSE: TMQ/PB

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 198
HISTO: 901140

OBSERVATIONS

Liver
[Fatty Change TGLS = 1-3]
[Fatty Change TGLS = 1-3]

Midzonal
Midzonal

Fatty Change
Fatty Change

Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 101

TRT#: 6
DOSE: SALINE/ ACETONE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 198
HISTO: 901141

OBSERVATIONS

Liver
Note: [FATTY CHANGE] TGLs = 1-1

Centrilobular

Fatty Change

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 102

TRT#: 6

SEX: Male

DAY ON TEST: 199

DOSE: SALINE/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901142

OBSERVATIONS

Liver

Fatty Change

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 103

TRT#: 6

SEX: Male

DAY ON TEST: 199

DOSE: SALINE/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901143

OBSERVATIONS

Liver

Fatty Change

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 104

TRT#: 6

SEX: Male

DAY ON TEST: 198

DOSE: SALINE/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901144

OBSERVATIONS

Liver

Centrilobular

Fatty Change

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 105

TRT#: 6

SEX: Male

DAY ON TEST: 198

DOSE: SALINE/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901145

OBSERVATIONS

Liver

Ectasia

Focal, Minimal

Fatty Change

Diffuse, Minimal

[Fatty Change TGLS = 1-3.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 106

TRT#: 6

SEX: Male

DAY ON TEST: 198

DOSE: SALINE/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901146

OBSERVATIONS

Liver

Centrilobular

Fatty Change

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 107

TRT#: 6

SEX: Male

DAY ON TEST: 199

DOSE: SALINE/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901147

OBSERVATIONS

Liver

Fatty Change

Diffuse, Minimal

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 108

TRT#: 6

SEX: Male

DAY ON TEST: 199

DOSE: SALINE/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 109

TRT#: 6

SEX: Male

DAY ON TEST: 198

DOSE: SALINE/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901149

OBSERVATIONS

Liver

Developmental Malformation

Fatty Change

Diffuse, Minimal

[Fatty Change TGLS = 1-3.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 110

TRT#: 6
DOSE: SALINE/ ACETONE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 199
HISTO: 901150

OBSERVATIONS

Liver

Fatty Change
Hematopoietic Cell Proliferation

Diffuse, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 111

TRT#: 6

SEX: Male

DAY ON TEST: 198

DOSE: SALINE/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901151

OBSERVATIONS

Liver

Centrilobular

Fatty Change

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 112

TRT#: 6

SEX: Male

DAY ON TEST: 199

DOSE: SALINE/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901152

OBSERVATIONS

Liver

Fatty Change

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 113

TRT#: 6
DOSE: SALINE/ ACETONE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 198
HISTO: 901153

OBSERVATIONS

Liver

Venule
Centrilobular

Ectasia
Fatty Change

Focal, Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 114

TRT#: 6

SEX: Male

DAY ON TEST: 199

DOSE: SALINE/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901154

OBSERVATIONS

Liver

Fatty Change

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 115

TRT#: 6

SEX: Male

DAY ON TEST: 199

DOSE: SALINE/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901155

OBSERVATIONS

Liver

Fatty Change

Diffuse, Minimal

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 116

TRT#: 6

SEX: Male

DAY ON TEST: 199

DOSE: SALINE/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901156

OBSERVATIONS

Liver

Fatty Change

Diffuse, Minimal

Hematopoietic Cell Proliferation

Minimal

Hepatodiaphragmatic Nodule

Note: [HDN] TGLs = 1-3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 117

TRT#: 6

SEX: Male

DAY ON TEST: 199

DOSE: SALINE/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901157

OBSERVATIONS

Liver

Fatty Change

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 118

TRT#: 6
DOSE: SALINE/ ACETONE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 198
HISTO: 901158

OBSERVATIONS

| | | | |
|-------|---------------|--------------|---------|
| Liver | Centrilobular | Fatty Change | Minimal |
|-------|---------------|--------------|---------|

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 119

TRT#: 6
DOSE: SALINE/ ACETONE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 198
HISTO: 901159

OBSERVATIONS

Liver

Fatty Change
Hematopoietic Cell Proliferation

Diffuse, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 120

TRT#: 6

SEX: Male

DAY ON TEST: 198

DOSE: SALINE/ ACETONE

DISP: Terminal Sacrifice

HISTO: 901160

OBSERVATIONS

Liver

Centrilobular

Fatty Change

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 121

TRT#: 7

SEX: Male

DAY ON TEST: 199

DOSE: SALINE/ PB

DISP: Terminal Sacrifice

HISTO: 901161

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 122

TRT#: 7

SEX: Male

DAY ON TEST: 198

DOSE: SALINE/ PB

DISP: Terminal Sacrifice

HISTO: 901162

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

Hematopoietic Cell Proliferation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 123

TRT#: 7

SEX: Male

DAY ON TEST: 199

DOSE: SALINE/ PB

DISP: Terminal Sacrifice

HISTO: 901163

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 124

TRT#: 7

SEX: Male

DAY ON TEST: 199

DOSE: SALINE/ PB

DISP: Terminal Sacrifice

HISTO: 901164

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 125

TRT#: 7

SEX: Male

DAY ON TEST: 198

DOSE: SALINE/ PB

DISP: Terminal Sacrifice

HISTO: 901165

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

Hematopoietic Cell Proliferation

Minimal

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 126

TRT#: 7

SEX: Male

DAY ON TEST: 198

DOSE: SALINE/ PB

DISP: Terminal Sacrifice

HISTO: 901166

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

Hematopoietic Cell Proliferation

Minimal

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 127

TRT#: 7

SEX: Male

DAY ON TEST: 199

DOSE: SALINE/ PB

DISP: Terminal Sacrifice

HISTO: 901167

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

Hematopoietic Cell Proliferation

Minimal

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 128

TRT#: 7
DOSE: SALINE/ PB

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 198
HISTO: 901168

OBSERVATIONS

Liver
[Fatty Change TGLS = 1-3]

Midzonal

Fatty Change

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 129

TRT#: 7

SEX: Male

DAY ON TEST: 198

DOSE: SALINE/ PB

DISP: Terminal Sacrifice

HISTO: 901169

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 130

TRT#: 7

SEX: Male

DAY ON TEST: 199

DOSE: SALINE/ PB

DISP: Terminal Sacrifice

HISTO: 901170

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 131

TRT#: 7

SEX: Male

DAY ON TEST: 198

DOSE: SALINE/ PB

DISP: Terminal Sacrifice

HISTO: 901171

OBSERVATIONS

Liver

Midzonal

Developmental Malformation

Fatty Change

Hematopoietic Cell Proliferation

Mild

Minimal

Note: [FATTY CHANGE] TGLs = 1-3+3.1

[Hematopoietic Cell Proliferation TGLS = 2-3.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-11

Test Type: INIT/PROMOT

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014

Time Report Requested: 16:25:15

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 132

TRT#: 7

SEX: Male

DAY ON TEST: 198

DOSE: SALINE/ PB

DISP: Terminal Sacrifice

HISTO: 901172

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 133

TRT#: 7

SEX: Male

DAY ON TEST: 199

DOSE: SALINE/ PB

DISP: Terminal Sacrifice

HISTO: 901173

OBSERVATIONS

Liver
[Fatty Change TGLS = 1-3]

Midzonal

Fatty Change

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 134

TRT#: 7

SEX: Male

DAY ON TEST: 198

DOSE: SALINE/ PB

DISP: Terminal Sacrifice

HISTO: 901174

OBSERVATIONS

Liver
[Fatty Change TGLS = 1-3]

Midzonal

Fatty Change

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 135

TRT#: 7

SEX: Male

DAY ON TEST: 198

DOSE: SALINE/ PB

DISP: Terminal Sacrifice

HISTO: 901175

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

Note: [FATTY CHANGE] TGLs = 1-3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 136

TRT#: 7

SEX: Male

DAY ON TEST: 199

DOSE: SALINE/ PB

DISP: Terminal Sacrifice

HISTO: 901176

OBSERVATIONS

Liver

Midzonal

Fatty Change

Moderate

Hematopoietic Cell Proliferation

Minimal

Note: [FATTY CHANGE] TGLs = 1-3

PRIMARY CAUSE OF DEATH

-

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 137

TRT#: 7

SEX: Male

DAY ON TEST: 199

DOSE: SALINE/ PB

DISP: Terminal Sacrifice

HISTO: 901177

OBSERVATIONS

Liver
[Fatty Change TGLS = 1-3]

Midzonal

Fatty Change

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 138

TRT#: 7

SEX: Male

DAY ON TEST: 199

DOSE: SALINE/ PB

DISP: Terminal Sacrifice

HISTO: 901178

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

Hematopoietic Cell Proliferation

Minimal

[Fatty Change TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 139

TRT#: 7

SEX: Male

DAY ON TEST: 199

DOSE: SALINE/ PB

DISP: Terminal Sacrifice

HISTO: 901179

OBSERVATIONS

Liver

Midzonal

Developmental Malformation

Fatty Change

Mild

Note: [FATTY CHANGE] TGLs = 1-3+3.1

[Developmental Malformation TGLS = 2-3.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/18/2014
Time Report Requested: 16:25:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 140

TRT#: 7

SEX: Male

DAY ON TEST: 198

DOSE: SALINE/ PB

DISP: Terminal Sacrifice

HISTO: 901180

OBSERVATIONS

Liver

Midzonal

Fatty Change

Mild

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****