

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

C Number: C60902D
Lock Date: 08/05/1992
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: 10/21/1994

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 1	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 910361
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 2,3-2+2A]			
[Mixed Cell Focus TGLS = 2,3,4-2+2A]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose	Glands	Inflammation	Acute, Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Mild
		Hematopoietic Cell Proliferation	Minimal
	[Fatty Change TGLS = 1-2]		
* Lung		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 3 TRT#: 1 SEX: Male DAY ON TEST: 456
DOSE: 0 MG/KG DISP: Scheduled Sacrifice HISTO: 910363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
[Clear Cell Focus TGLS = 2-2]			
[Hepatocellular Adenoma TGLS = 2,3-2+2.1]			
* Urinary Bladder		Calculus Gross Observation	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 4	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 612 HISTO: 910364
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Heart	* Kidney	* Lymph Node, Mandibular
* Nose	* Pancreas	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-2]		
	[Hepatocellular Carcinoma TGLS = 3,4,5-2]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 1-3]		

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Spleen Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Chronic, Mild
	[Nephropathy TGLS = 3-3A1]		
* Liver		Clear Cell Focus Hepatocellular Adenoma Inflammation	Multiple Chronic, Minimal
	[Hepatocellular Adenoma TGLS = 2,5-2+2A]		
* Lung		Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Marked
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-1]		
* Nose	Glands	Inflammation	Acute, Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Skin	Subcut Tiss	Abscess	Moderate
	[Abscess TGLS = 1-3]		
* Stom Gland			
	Note: TGL 6 foci not seen on micro exam.		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910365

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 679
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 910366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Esophagus	* Heart	* Lung
* Nose	* Pituitary Gland	* Salivary Glands	* Skin
* Thyroid Gland	* Trachea		

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Parathyroid Gland
* Thymus			

AUTO PRECLUDES DIAG.

* Bone Marrow	* Epididymis	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas	* Preputial Gland
* Prostate	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Urinary Bladder		

OBSERVATIONS

* Adren Cortex			
Note: Adrenal tissue not present on micro in TGL 2 lesion.			
Note: TGL 2 enlargement is in Tissue NOS rather than adrenal gland on micro exam.			
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Eosinophilic Focus	
		Lymphoma Malignant	
		Necrosis	Mild
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-5]		
	[Lymphoma Malignant TGLS = 4-13]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-5A]		
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-3]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 679
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 910366

ORGAN AND ACCOUNTABLE SITE STATUS

Tissue NOS [Lymphoma Malignant TGLS = 2-7]	Lymphoma Malignant
PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-2.1]		
* Nose	Glands	Inflammation	Acute, Minimal
* Thyroid Gland	Follicle	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 8	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 910368
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Hydronephrosis	Mild
		Hyperplasia	Minimal
		Nephropathy	Chronic, Mild
[Hydronephrosis TGLS = 1-3A]			
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
[Clear Cell Focus TGLS = 2-2+2A]			
[Eosinophilic Focus TGLS = 2-2+2A]			
* Preputial Gland		Dilatation	Moderate
[Dilatation TGLS = 4-10]			
* Stom Gland			
Note: TGL 3 foci not seen in Glandular stomach on micro exam.			
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
[Hyperplasia TGLS = 3-6+6.1]			
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 9	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9103699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Clear Cell Focus Congestion	Mild
		[Clear Cell Focus TGLS = 5-2A]	
		[Congestion TGLS = 4-2A]	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		[Alveolar/Bronchiolar Adenoma TGLS = 2-1]	
* Nose	Glands	Inflammation	Acute, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Seminal Vesicle		Hypertrophy	Moderate
		[Hypertrophy TGLS = 1-11A]	
Tooth		Dysplasia	Moderate
* Urinary Bladder		Calculus Micro Observation Only	
		[Calculus Micro Observation Only TGLS = 3-10]	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9103699

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infarct	Mild
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
		[Hepatocellular Adenoma TGLS = 3-2A]	
		[Mixed Cell Focus TGLS = 2-2B]	
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Dilatation	Moderate
		[Dilatation TGLS = 1-10]	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Moderate Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Clear Cell Focus Hepatocellular Adenoma	Multiple
		[Clear Cell Focus TGLS = 4-2+2C]	
		[Hepatocellular Adenoma TGLS = 1,2-2A+2B]	
* Seminal Vesicle		Hypertrophy	Moderate
		[Hypertrophy TGLS = 3-11A]	
* Thymus		Cyst	
Tooth		Dysplasia	Moderate
		[Dysplasia TGLS = 5-9]	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
	[Nephropathy TGLS = 2-3+3.1]		
* Liver		Clear Cell Focus Eosinophilic Focus Mixed Cell Focus	
	[Clear Cell Focus TGLS = 3-2+2A]		
	[Eosinophilic Focus TGLS = 6,7-2.1]		
	[Mixed Cell Focus TGLS = 3-2+2A]		
* Lung		Hemorrhage	Minimal
	[Hemorrhage TGLS = 5-1]		
* Nose	Glands	Inflammation	Acute, Minimal
* Seminal Vesicle		Hypertrophy	Moderate
	[Hypertrophy TGLS = 1-11A]		
* Stomach, Forestomach		Hyperplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910372

ORGAN AND ACCOUNTABLE SITE STATUS

Ulcer

Mild

[Hyperplasia TGLS = 4-6A]

[Ulcer TGLS = 4-6A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Mild
* Skin		Hyperplasia	Mast Cell, Mild
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 14

TRT#: 1
DOSE: 0 MG/KG

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 456
HISTO: 910374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infarct	Marked
[Hepatocellular Adenoma TGLS = 3-2] [Hepatocellular Carcinoma TGLS = 2-2.1] [Infarct TGLS = 1-5.1]			
* Lym Node Mesen			
Note: TGL 1 MASS IS IN MESENTERY RATHER THAN MESENTERIC LN			
* Stomach, Glandular		Infiltration Cellular	Polymorphnuclr, Minimal
* Thyroid Gland	Follicle	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 695

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Hemangiosarcoma	
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Inflammation	Chronic, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-2+2A]			
* Lung		Hemorrhage	Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1,2-3A]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

- Spleen Hemangiosarcoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hemangiosarcoma;Lung Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma	Multiple
		[Clear Cell Focus TGLS = 1-2B]	
		[Eosinophilic Focus TGLS = 1-2]	
		[Hepatocellular Adenoma TGLS = 1,2,3-2+2A+2B]	
* Nose	Glands	Inflammation	Acute, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Dilatation	Moderate
		Inflammation	Chronic, Mild
		[Dilatation TGLS = 4-10]	
* Thymus		Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 456

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone			
Note: TGL 5 nodule is in tooth rather than bone.			
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Spermatocoele	
[Spermatocoele TGLS = 1-11]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-2A]			
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 4-1]			
* Nose	Glands	Inflammation	Acute, Minimal
* Prostate		Inflammation	Chronic, Mild
* Seminal Vesicle		Hypertrophy	Moderate
[Hypertrophy TGLS = 2-11]			
Tooth		Dysplasia	Marked
[Dysplasia TGLS = 5-9]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910378

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 603

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart	Valve	Inflammation	Acute, Marked
Note: Large bacterial colony within valvular endocarditis.			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Congestion	Mild
		Hyperplasia	Minimal
		Mixed Cell Focus	
[Congestion TGLS = 1-2]			
* Lung		Hemorrhage	Moderate
[Hemorrhage TGLS = 2-1]			
* Lymph Node, Mesenteric		Angiectasis	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Thymus		Atrophy	Marked
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH - Heart Valve Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
* Heart		Inflammation	Chronic, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Carcinoma	Multiple
		[Eosinophilic Focus TGLS = 3-2B]	
		[Hepatocellular Carcinoma TGLS = 1,2-2A]	
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Glands	Inflammation	Acute, Minimal
* Spleen		Angiectasis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone	Vertebra	Inflammation	Chronic Active, Marked
Note: TGL 3 nodule in tooth on micro exam.			
[Inflammation TGLS = 1-13]			
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
* Nose	Glands	Inflammation	Acute, Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Seminal Vesicle		Hypertrophy	Moderate
[Hypertrophy TGLS = 2-11]			
* Skin	Subcut Tiss	Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-13]			
* Thymus		Cyst	
Tooth		Dysplasia	Moderate
[Dysplasia TGLS = 3-9]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910381

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-2.1+10]		
* Pancreas	Acinus	Necrosis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
* Nose	Glands	Inflammation	Acute, Minimal
* Preputial Gland		Dilatation	Mild
		Inflammation	Chronic, Moderate
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 890384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
* Lung		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 25

TRT#: 1
DOSE: 0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 910385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
	Capsule	Hyperplasia	Mild
		Hypertrophy	Minimal
* Bone			
Note: TGL 3 nodule is in tooth rather than in turbinate bone on micro exam.			
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2-2+2A]			
* Nose	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Cyst	
Tooth		Dysplasia	Moderate
[Dysplasia TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910386

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Clear Cell Focus Eosinophilic Focus	
		[Clear Cell Focus TGLS = 2-2]	
		[Eosinophilic Focus TGLS = 1,2-2]	
* Lung		Hemorrhage	Minimal
* Nose	Glands	Inflammation	Acute, Minimal
* Preputial Gland		Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Medulla	Hyperplasia	Mild
	Pheochromocytoma Benign	
* Heart	Cardiomyopathy	Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Hydronephrosis	Mild
	Nephropathy	Chronic, Moderate
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-2B]	
	[Hepatocellular Carcinoma TGLS = 1-2A]	
* Preputial Gland	Inflammation	Chronic Active, Mild
* Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Eosinophilic Focus Hepatocellular Adenoma	Marked
		[Eosinophilic Focus TGLS = 4-2A]	
		[Hepatocellular Adenoma TGLS = 3-2]	
* Seminal Vesicle		Hypertrophy	Moderate
		[Hypertrophy TGLS = 1-11]	
* Spleen	Red Pulp	Atrophy	Moderate
		[Atrophy TGLS = 2-3]	
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Spermatocoele	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		[Clear Cell Focus TGLS = 3-2A]	
		[Hepatocellular Adenoma TGLS = 2-2A]	
* Lung		Alveolar/Bronchiolar Carcinoma	
		[Alveolar/Bronchiolar Carcinoma TGLS = 4-1A]	
* Lymph Node, Mesenteric		Angiectasis	Minimal
* Mammary GI			
		Note: TGL 1 mass is in skin on micro exam.	
* Nose	Glands	Inflammation	Acute, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Skin	Subcut Tiss	Hemorrhage	Moderate
		[Hemorrhage TGLS = 1-3]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910390

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31	TRT#: 1	SEX: Male	DAY ON TEST: 626
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 910391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[Clear Cell Focus TGLS = 2-2]			
[Eosinophilic Focus TGLS = 2,3-2+2A]			
[Hepatocellular Carcinoma TGLS = 1-2]			
* Preputial Gland		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Angiectasis Eosinophilic Focus	Moderate
	[Angiectasis TGLS = 2-2]		
	[Eosinophilic Focus TGLS = 4-2A]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-1A]		
* Nose	Glands	Inflammation	Acute, Minimal
* Preputial Gland		Dilatation	Mild
		Inflammation	Chronic, Mild
* Seminal Vesicle		Hypertrophy	Marked
	[Hypertrophy TGLS = 1-11A]		
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910392

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 6 HISTO: 910393
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Lymph Node, Mesenteric	* Mammary Gland	* Spleen
* Thymus			

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular
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PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Granuloma Sperm	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		[Clear Cell Focus TGLS = 2,4-2+2A.1]	
		[Hepatocellular Adenoma TGLS = 3-2]	
* Nose		Inflammation	Acute, Mild
		Polyp, Inflammatory	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Seminal Vesicle		Hypertrophy	Moderate
		[Hypertrophy TGLS = 1-11A]	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Thyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		[Clear Cell Focus TGLS = 3-2A]	
		[Hepatocellular Adenoma TGLS = 2-2]	
* Nose	Glands	Inflammation	Acute, Minimal
* Preputial Gland		Dilatation	Moderate
		[Dilatation TGLS = 1-10]	
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 3-2B]	
		[Hepatocellular Carcinoma TGLS = 2-2A]	
* Lung	Alveolar Epith	Hyperplasia	Mild
		[Hyperplasia TGLS = 4-1A]	
Mesentery	Fat	Necrosis	Mild
		[Necrosis TGLS = 1-13]	
* Pancreas	Artery	Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Cyst	
		Hydronephrosis	Mild
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
	[Hydronephrosis TGLS = 2-3]		
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-2A]		
* Preputial Gland		Dilatation	Mild
* Sem Ves			
	Note: TGL 3 no micro lesion seen in enlarged gland.		
* Spleen		Hematopoietic Cell Proliferation	Moderate
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Spleen
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Minimal
* Liver		Clear Cell Focus Congestion	Mild
		[Clear Cell Focus TGLS = 4-2]	
		[Congestion TGLS = 3-2]	
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Renal	Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 5-13]	
* Lymph Node, Mesenteric		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 2-5A]	
* Nose	Glands	Inflammation	Acute, Minimal
* Skin	SOA	Acanthosis	Mild
	SOA, Subcut Tiss	Inflammation	Chronic, Minimal
	SOA	Ulcer	Mild
		[Acanthosis TGLS = 1-12]	
		[Inflammation TGLS = 1-12]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39

TRT#: 1
DOSE: 0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 910399

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 1-12]

* Stomach, Forestomach

[Squamous Cell Carcinoma TGLS = 6-6A]

Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 592

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Adrenal Medulla	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Hemangiosarcoma	
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-13]			
* Heart		Hemorrhage	Minimal
		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	
	Cortex	Mineralization	Minimal
* Liver		Hemangiosarcoma	
		Necrosis	Marked
[Hemangiosarcoma TGLS = 1-2A]			
[Necrosis TGLS = 2-2]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Hemorrhage	Mild
* Nose	Glands	Inflammation	Acute, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 592

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910400

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-2.1]		
* Preputial Gland		Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mast Cell, Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Granuloma	Minimal
		Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Mixed Cell Focus	
		[Hepatocellular Adenoma TGLS = 5-2A]	
		[Hepatocellular Carcinoma TGLS = 3,4-2A]	
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
		[Alveolar/Bronchiolar Carcinoma TGLS = 6-1]	
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Dilatation	Marked
		[Dilatation TGLS = 1-10]	
* Testes	Seminif Tub	Degeneration	Moderate
		[Degeneration TGLS = 2-11]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910402

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910403

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Pancreas
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy Inflammation	Minimal Minimal Granulomatous, Marked
Harderian Gland [Inflammation TGLS = 9-13]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization Nephropathy Eosinophilic Focus Hemangiosarcoma Hepatocellular Adenoma	Minimal Chronic, Minimal Mild Multiple
* Liver			
[Eosinophilic Focus TGLS = 7-2] [Hemangiosarcoma TGLS = 6,8-2+2A+2B] [Hepatocellular Adenoma TGLS = 5-2A]			
* Lung		Infiltration Cellular Pigmentation	Histiocyte, Marked Marked
[Infiltration Cellular TGLS = 10-1] [Pigmentation TGLS = 10-1]			
* Lymph Node, Mesenteric		Angiectasis	Mild
* Nose	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910403

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland

Note: TGL 1 small gland within normal limits on micro exam.

* Sem Ves

Note: TGL 3 large sem. ves. within normal limits on micro exam.

* Spleen

[Hematopoietic Cell Proliferation TGLS = 4-3]

Hematopoietic Cell Proliferation

Moderate

* Urinary Bladder

[Calculus Micro Observation Only TGLS = 2-10]

Calculus Micro Observation Only

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Bone			
Note: TGL 5 nodule is in tooth on micro exam.			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization Nephropathy Eosinophilic Focus	Minimal Chronic, Mild
* Liver			
[Eosinophilic Focus TGLS = 3,4-2+2A]			
* Lymph Node, Mesenteric		Angiectasis	Minimal
* Nose	Glands	Inflammation	Acute, Minimal
* Preputial Gland		Dilatation	Mild
[Dilatation TGLS = 1-10]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-11]			
Tooth		Dysplasia	Moderate
[Dysplasia TGLS = 5-9]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Mild
		[Clear Cell Focus TGLS = 2-2]	
		[Eosinophilic Focus TGLS = 2-2A]	
		[Hepatocellular Adenoma TGLS = 3-2+2A]	
		[Vacuolization Cytoplasmic TGLS = 1-2+2A]	
* Preputial Gland		Dilatation	Mild
		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910406

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Mild
	Capsule	Hyperplasia	Mild
		Hypertrophy	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-10]		
* Nose	Glands	Inflammation	Acute, Minimal
* Thymus		Thymoma Nos	
	[Thymoma Nos TGLS = 2-5]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910407

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
Harderian Gland		Adenoma	
		Cyst	
[Adenoma TGLS = 4-13]			
[Cyst TGLS = 4-13]			
* Kidney		Cyst	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Clear Cell Focus TGLS = 5-2B]			
[Eosinophilic Focus TGLS = 3-2B]			
[Hepatocellular Adenoma TGLS = 2-2A]			
* Lymph Node, Mesenteric		Angiectasis	Minimal
* Preputial Gland		Dilatation	Moderate
		Inflammation	Chronic, Mild
[Dilatation TGLS = 1-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910407

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910408

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymsus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Minimal
		Hypertrophy	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-13]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Carcinoma	
		Cyst	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
[Carcinoma TGLS = 1-3A]			
* Liver		Clear Cell Focus	
		Eosinophilic Focus	Mild
[Clear Cell Focus TGLS = 2-2]			
[Eosinophilic Focus TGLS = 4-2]			
* Preputial Gland		Inflammation	Acute, Mild
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910408

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 3-2A.1]			
[Hepatocellular Adenoma TGLS = 1-2A]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Preputial Gland		Inflammation	Chronic Active, Moderate
Tooth		Dysplasia	Marked
[Dysplasia TGLS = 4-9]			
* Urinary Bladder		Hemangioma	
[Hemangioma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland	* Preputial Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 3,4-2]		
* Lung		Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 5-1]		
* Lymph Node, Mesenteric		Angiectasis	Minimal
Mesentery			
	Note: TGL 2 cyst is in pancreas rather than mesentery on micro.		
	Note: TGL 2 cyst is in pancreas rather than in mesentery on micro exam.		
* Pancreas	Acinus Duct	Atrophy Cyst Inflammation	Moderate Chronic, Moderate
	[Cyst TGLS = 2-13]		
* Thyroid Gland	Follicular Cel	Carcinoma	
	[Carcinoma TGLS = 7-6]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910410

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Calculus Micro Observation Only

[Calculus Micro Observation Only TGLS = 1,6-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 51

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
		[Clear Cell Focus TGLS = 1,2-2+2A]	
		[Mixed Cell Focus TGLS = 1,2-2+2A]	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		[Alveolar/Bronchiolar Adenoma TGLS = 3,4-1]	
* Nose	Glands	Inflammation	Acute, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Seminal Vesicle		Hyperplasia	Mild
		[Hyperplasia TGLS = 5-11]	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 52

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Mild
* Adrenal Medulla		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Heart		Hemangioma	
* Intestine Small, Duodenum		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-6A]		
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Angiectasis Hepatocellular Adenoma Hepatocellular Carcinoma	Mild Multiple Multiple
	[Hepatocellular Adenoma TGLS = 4,6-2+2A]		
	[Hepatocellular Carcinoma TGLS = 2,3-2A+2B]		
* Lung		Alveolar/Bronchiolar Adenoma Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Preputial Gland		Inflammation	Chronic, Moderate
* Seminal Vesicle		Hyperplasia	Mild
	[Hyperplasia TGLS = 5-RE11]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 52

TRT#: 1
DOSE: 0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 910412

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 53

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910413

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyms	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst Mineralization Nephropathy	Minimal Chronic, Moderate
[Cyst TGLS = 4-3]			
* Liver		Clear Cell Focus Hepatocellular Adenoma	
[Clear Cell Focus TGLS = 2-2]			
[Hepatocellular Adenoma TGLS = 3-2]			
* Nose	Glands	Inflammation	Acute, Minimal
* Sem Ves			
Note: TGL 1 large seminal vesicle normal on micro exam.			
* Stom Forestom			
Note: TGL 5 foci not seen on micro exam.			
* Stom Gland			
Note: TGL 5 foci not seen on micro exam.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 53

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910413

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Dysplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 54

TRT#: 1

SEX: Male

DAY ON TEST: 639

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Histiocytic Sarcoma	
* Gallbladder			
Note: TGL 5 large gallbladder normal on micro exam.			
* Heart		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 8-5A]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Degeneration	Hyaline, Mild
	Cortex	Histiocytic Sarcoma	
		Mineralization	Minimal
[Histiocytic Sarcoma TGLS = 3-3]			
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-2+2A]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 7-1]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Pancreas		Histiocytic Sarcoma	
* Preputial Gland		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 54	TRT#: 1	SEX: Male	DAY ON TEST: 639
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910414

ORGAN AND ACCOUNTABLE SITE STATUS

		Histiocytic Sarcoma	
[Hematopoietic Cell Proliferation TGLS = 2-3]			
[Histiocytic Sarcoma TGLS = 1-3]			
Tooth		Dysplasia	Moderate
PRIMARY CAUSE OF DEATH	- Lung	Histiocytic Sarcoma	
CONTRIBUTORY CAUSE OF DEATH	- Heart	Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 55

TRT#: 1

SEX: Male

DAY ON TEST: 701

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Cyst	
		Inflammation	Acute, Mild
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 6-2A]			
* Lymph Node, Mesenteric		Angiectasis	Mild
Penis		Concretion	Mild
		Inflammation	Chronic Active, Moderate
[Concretion TGLS = 2-13]			
[Inflammation TGLS = 2-13]			
* Preputial Gland		Inflammation	Chronic Active, Marked
		Metaplasia	Squamous, Marked
[Metaplasia TGLS = 8-10]			
* Prostate		Inflammation	Chronic Active, Moderate
* Sem Ves			

Note: TGL 4 large seminal vesicle normal on micro exam.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 55	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 701 HISTO: 910415
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ORGAN AND ACCOUNTABLE SITE STATUS

* Skin [Hyperkeratosis TGLS = 3-14]	Hyperkeratosis	Minimal
* Stom Gland Note: TGL 5 mass is in forestomach on micro exam.		
* Stomach, Forestomach [Squamous Cell Carcinoma TGLS = 5-6]	Hyperplasia Squamous Cell Carcinoma Ulcer	Squamous, Mild Mild
* Thymus [Hyperplasia TGLS = 7-5]	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- Penis Concretion
CONTRIBUTORY CAUSE OF DEATH	- Stomach;Forestomach Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 56	TRT#: 1	SEX: Male	DAY ON TEST: 638
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 910416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-2A]		
* Preputial Gland		Dilatation	Mild
		Inflammation	Chronic, Mild
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 57

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Mild
* Bone			
Note: TGL 5 nodule is in tooth rather than bone on micro.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus Eosinophilic Focus Mixed Cell Focus	
[Clear Cell Focus TGLS = 3-2+2A]			
[Eosinophilic Focus TGLS = 3-2+2A]			
[Mixed Cell Focus TGLS = 3-2+2A]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 1,2-1]			
* Nose		Exudate	Mild
	Glands	Inflammation	Acute, Minimal
* Preputial Gland		Dilatation	Mild
		Inflammation	Chronic, Mild
* Stom Forestom			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 57

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910417

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 4 pale depressed foci not seen on micro exam.

* Stom Gland

Note: TGL 4 pale depressed foci not seen on micro exam.

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

Tooth

Dysplasia

Marked

[Dysplasia TGLS = 5-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 58	TRT#: 1	SEX: Male	DAY ON TEST: 709
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 910418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Marked
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,3-2A]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-1]		Infiltration Cellular	Histiocyte, Mild
* Sem Ves			
Note: TGL 1 large seminal vesicle within normal limits on micro exam.			
* Testes	Seminif Tub	Degeneration	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 59

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
[Cyst TGLS = 1,3-3A]			
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Mild
* Pancreas		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
[Hyperplasia TGLS = 4-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 60

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Small, Ileum	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Cyst	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Moderate
[Cyst TGLS = 2-3A]			
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Clear Cell Focus TGLS = 3-2+2A]			
[Hepatocellular Adenoma TGLS = 4,5,6,8-2+2A+2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-1]			
* Lymph Node, Mesenteric		Angiectasis	Minimal
* Preputial Gland		Inflammation	Chronic, Moderate
* Stom Forestom			
Note: TGL 7 foci not seen on micro exam.			
* Stom Gland			
Note: TGL 7 foci not seen on micro exam.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 60

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910420

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 3.6 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Mild
	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 62	TRT#: 3	SEX: Male	DAY ON TEST: 626
	DOSE: 3.6 MG/KG	DISP: Moribund Sacrifice	HISTO: 910482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLS = 4-2]		
	[Hepatocellular Adenoma TGLS = 6-2.1]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Marked
	[Alveolar/Bronchiolar Adenoma TGLS = 3-1]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 1,2-1]		
* Pancreas	Acinus	Atrophy	Minimal
* Stomach, Glandular		Inflammation	Chronic, Mild
	[Inflammation TGLS = 5-6]		

PRIMARY CAUSE OF DEATH	- Lung Alveolar/Bronchiolar Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Lung Infiltration Cellular

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 63	TRT#: 3	SEX: Male	DAY ON TEST: 588
	DOSE: 3.6 MG/KG	DISP: Natural Death	HISTO: 910483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland	* Spleen	
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AUTO PRECLUDES DIAG.

* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Thymus		

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 4-6]			
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-2]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 2-1]			
* Thymus			
Note: TGL 3 enlargement obscured by autolysis			

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Lung	Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 64

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy Granuloma Sperm	Mild Minimal Moderate
* Epididymis [Granuloma Sperm TGLS = 1-11]			
Harderian Gland [Adenoma TGLS = 3-13]		Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst Mineralization Nephropathy Hepatocellular Adenoma	Minimal Chronic, Mild
* Liver [Hepatocellular Adenoma TGLS = 2-2]			
* Lung		Alveolar/Bronchiolar Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 3.6 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
* Pancreas		Inflammation	Chronic, Minimal
* Stomach, Glandular		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 724

DOSE: 3.6 MG/KG

DISP: Natural Death

HISTO: 910486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Hemorrhage	Moderate
	Thalamus	Mineralization	Minimal
[Hemorrhage TGLS = 2-4]			
* Epididymis		Hemorrhage	Mild
* Heart		Hemorrhage	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Cyst	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Cyst TGLS = 5-2]			
[Eosinophilic Focus TGLS = 4-2A]			
[Hepatocellular Adenoma TGLS = 3-2]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 1-1]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Nose	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Cyst	
* Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 66	TRT#: 3	SEX: Male	DAY ON TEST: 724
	DOSE: 3.6 MG/KG	DISP: Natural Death	HISTO: 910486

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin		Acanthosis	Mild
		Hyperkeratosis	Mild
	Subcut Tiss	Inflammation	Chronic, Mild
* Stomach, Glandular		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH	- Lung	Alveolar/Bronchiolar Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Brain	Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Minimal
* Bone			
Note: TGL 5 nodule is in tooth rather than turbinate bone on micro exam.			
* Brain	Thalamus	Mineralization Hyperplasia	Minimal Mild
* Islets, Pancreatic			
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Clear Cell Focus Hemangiosarcoma Hepatocellular Adenoma	Multiple
[Clear Cell Focus TGLS = 3-2+2A]			
[Hemangiosarcoma TGLS = 2-2A]			
[Hepatocellular Adenoma TGLS = 3-2]			
* Nose		Exudate	Mild
	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Cyst	
* Preputial Gland		Dilatation Inflammation	Moderate Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 67	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910487

ORGAN AND ACCOUNTABLE SITE STATUS

* Sem Ves
Note: TGL 1 large seminal vesicle normal on micro exam.

* Stomach, Forestomach [Hyperplasia TGLS = 4-6A]	Hyperplasia	Squamous, Mild
Tooth [Dysplasia TGLS = 5-9]	Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 68	TRT#: 3	SEX: Male	DAY ON TEST: 400
	DOSE: 3.6 MG/KG	DISP: Moribund Sacrifice	HISTO: 910488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
* Spleen			

Note: TGL 1 small spleen normal on micro exam

PRIMARY CAUSE OF DEATH	- UNCERTAIN
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 69	TRT#: 3	SEX: Male	DAY ON TEST: 207
	DOSE: 3.6 MG/KG	DISP: Accidentally Killed	HISTO: 910489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Kidney	Cortex	Mineralization	Minimal
* Lung		Hemorrhage	Mild
* Spleen			

Note: TGL 1 small spleen normal on micro exam

PRIMARY CAUSE OF DEATH	- Lung Hemorrhage
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 70	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Mixed Cell Focus	

[Mixed Cell Focus TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 71

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Lung	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Angiectasis	Mild
		Congestion	Minimal
[Angiectasis TGLS = 3-2]			
[Congestion TGLS = 5-2]			
* Lung			
Note: TGL 4 focus not seen on micro exam.			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
* Nose	Glands	Inflammation	Acute, Minimal
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 72	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Hepatocellular Adenoma Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 1-2A]		
	[Mixed Cell Focus TGLS = 3-2]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-1]		
* Preputial Gland		Dilatation Inflammation	Mild Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 3.6 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Hyperplasia	Minimal
	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Ito Cell Tumor Malignant	
	[Ito Cell Tumor Malignant TGLS = 1,2,3-2+2.1]		
* Preputial Gland		Inflammation	Chronic, Mild
* Stomach, Glandular		Cyst	
* Testes	Seminif Tub	Atrophy	Minimal
		Mineralization	Minimal
* Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma Mixed Cell Focus	Multiple
		[Eosinophilic Focus TGLS = 5-2B] [Hepatocellular Adenoma TGLS = 2,3,6-2+2A] [Mixed Cell Focus TGLS = 5,6-2A+2B]	
* Nose	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Intermed	Adenoma	
		[Adenoma TGLS = 4-7]	
* Preputial Gland		Hemangiosarcoma	
* Prostate		Inflammation	Chronic, Mild
* Urinary Bladder		Inflammation	Chronic, Moderate
		[Inflammation TGLS = 1-10]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910494

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 75	TRT#: 3	SEX: Male	DAY ON TEST: 708
	DOSE: 3.6 MG/KG	DISP: Natural Death	HISTO: 910495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow	Myelofibrosis	Mild
Harderian Gland	Adenoma	
[Adenoma TGLS = 4-13]		
* Heart	Cardiomyopathy	Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Cyst	
	Nephropathy	Chronic, Marked
[Cyst TGLS = 5-3]		
[Nephropathy TGLS = 1-3]		
* Lung	Hemorrhage	Mild
[Hemorrhage TGLS = 3-1]		
* Skin	Subcut Tiss	Inflammation
		Chronic, Minimal

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 76	TRT#: 3	SEX: Male	DAY ON TEST: 456
	DOSE: 3.6 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Minimal
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-2.1]		
* Prostate		Concretion	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 77	TRT#: 3	SEX: Male	DAY ON TEST: 456
	DOSE: 3.6 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-2.1]		
* Nose	Glands	Inflammation	Acute, Minimal
* Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Large, Colon	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Mild
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Granuloma Sperm	Marked
[Granuloma Sperm TGLS = 8-11]			
* Islets, Pancreatic		Hyperplasia	Moderate
[Hyperplasia TGLS = 4-5]			
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	Multiple
[Hepatocellular Adenoma TGLS = 2,6,7-2+2A]			
[Hepatocellular Carcinoma TGLS = 1-2B+2C]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 3-1]			
* Pancreas			
Note: TGL 4 foci are in pancreatic islets instead of pancreas.			
* Stom Gland			
Note: TGL 5 foci are normal mucosal folds on micro exam.			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910498

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 79	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
		[Clear Cell Focus TGLS = 4-2A]	
		[Eosinophilic Focus TGLS = 4-2A]	
		[Hemangiosarcoma TGLS = 2-2]	
		[Hepatocellular Adenoma TGLS = 1,5-2B+10.1]	
* Lung		Alveolar/Bronchiolar Adenoma	
* Sem Ves			
Note: TGL 3 large seminal vesicle normal on micro exam.			
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 640

DOSE: 3.6 MG/KG

DISP: Moribund Sacrifice

HISTO: 910500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Lymphoma Malignant	
* Intestine Small, Duodenum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-6A]			
* Intestine Small, Ileum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-6A]			
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-6A]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
	Cortex	Mineralization	Minimal
[Lymphoma Malignant TGLS = 5,6-3]			
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
[Hepatocellular Adenoma TGLS = 7-2]			
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
Note: TGL 3 mass is in pancreas rather than pancreatic lymph node.			
[Lymphoma Malignant TGLS = 8-5]			
* Lymph Node, Mandibular		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 80	TRT#: 3	SEX: Male	DAY ON TEST: 640
	DOSE: 3.6 MG/KG	DISP: Moribund Sacrifice	HISTO: 910500

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 2-5A]		Lymphoma Malignant
* Pancreas [Cyst TGLS = 3-13]	Duct	Cyst Lymphoma Malignant
* Prostate		Lymphoma Malignant
* Spleen [Lymphoma Malignant TGLS = 1-3]		Lymphoma Malignant
* Testes	Interstit Cell	Adenoma
* Urinary Bladder		Lymphoma Malignant

PRIMARY CAUSE OF DEATH	- Lymph Node, Mesenteric Lymphoma Malignant
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyms	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Clear Cell Focus Hepatocellular Adenoma	Multiple
		[Clear Cell Focus TGLS = 3-2]	
		[Hepatocellular Adenoma TGLS = 2,4,5-2+2A]	
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma Hyperplasia	Minimal
* Sem Ves			

Note: TGL 1 large seminal vesicles normal on micro exam.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 82

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Chronic, Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 3-2]	
		[Hepatocellular Adenoma TGLS = 3-2]	
		[Hepatocellular Carcinoma TGLS = 2-2A]	
* Lung		Hemorrhage	Mild
	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Angiectasis	Minimal
* Preputial Gland		Dilatation	Moderate
		Inflammation	Chronic Active, Marked
		[Dilatation TGLS = 1-10]	
		[Inflammation TGLS = 1-10]	
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 82

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910502

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 83	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct	Mild
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Hepatoblastoma Hepatocellular Adenoma	
	[Hepatoblastoma TGLS = 2-2A]		
	[Hepatocellular Adenoma TGLS = 3-2]		
* Preputial Gland		Dilatation	Moderate
* Urinary Bladder		Calculus Micro Observation Only	
	[Calculus Micro Observation Only TGLS = 1-10]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 84	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Minimal
* Bone			
Note: TGL 2 turbinate nodule is in tooth rather than bone.			
* Brain	Thalamus	Mineralization Hyperplasia	Minimal Moderate
* Islets, Pancreatic		Mineralization	Minimal
* Kidney	Cortex	Nephropathy Mixed Cell Focus	Chronic, Moderate
* Liver			
[Mixed Cell Focus TGLS = 1-2]			
Tooth		Dysplasia	Marked
[Dysplasia TGLS = 2-9]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 85 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 730
DOSE: 3.6 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 910505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

Eye [Atrophy TGLS = 1-13]		Atrophy	Marked
Harderian Gland [Adenoma TGLS = 2-13]		Adenoma	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver [Eosinophilic Focus TGLS = 3-2A]		Clear Cell Focus	
		Eosinophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea			

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Carcinoma	
		Cyst	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
	[Carcinoma TGLS = 3-3]		
	[Nephropathy TGLS = 2-3A]		
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	[Clear Cell Focus TGLS = 4-2A]		
	[Hepatocellular Adenoma TGLS = 4,5,7-2+2A+2B]		
* Nose	Glands	Inflammation	Acute, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Sem Ves			

Note: TGL 1 large seminal vesicles normal on micro exam.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 86	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910506

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Tooth		Dysplasia	Moderate
* Urinary Bladder		Calculus Gross Observation	

Note: TGL 6 calculus lost in processing. Not present on micro exam.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 87	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
* Preputial Gland		Dilatation	Moderate
		Inflammation	Chronic, Mild
* Stomach, Glandular		Erosion	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Cyst	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		[Clear Cell Focus TGLS = 3-2]	
		[Eosinophilic Focus TGLS = 3-2]	
		[Hepatocellular Adenoma TGLS = 2-2A]	
* Lung		Hemorrhage	Minimal
		[Hemorrhage TGLS = 4-1]	
* Nose	Glands	Inflammation	Acute, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Sem Ves			
Note: TGL 1 large seminal vesicles normal on micro exam.			
* Thymus		Ectopic Parathyroid Gland	
Tooth		Dysplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910508

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Calculus Micro Observation Only

[Calculus Micro Observation Only TGLS = 5-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Cyst	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
		[Clear Cell Focus TGLS = 3,8-2+2C]	
		[Hemangiosarcoma TGLS = 4-2A]	
		[Hepatocellular Adenoma TGLS = 9,10-2+2B]	
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
		[Alveolar/Bronchiolar Carcinoma TGLS = 6-1]	
* Nose	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		[Hyperplasia TGLS = 5-7]	
* Preputial Gland		Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 89	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910509

ORGAN AND ACCOUNTABLE SITE STATUS

Inflammation

Chronic, Moderate

* Sem Ves

Note: TGL 1 & 2 seminal vesicles normal on micro exam.

* Urin Bladder

Note: TGL 7 calculus not present on micro exam.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
[Cyst TGLS = 1-3A]			
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Clear Cell Focus TGLS = 2-2A]			
[Eosinophilic Focus TGLS = 2-2A]			
[Hepatocellular Adenoma TGLS = 3-2B]			
* Preputial Gland		Inflammation	Chronic, Minimal
* Thyroid Gland	Follicle	Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 91	TRT#: 3	SEX: Male	DAY ON TEST: 357
	DOSE: 3.6 MG/KG	DISP: Natural Death	HISTO: 910511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-13]			
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Clear Cell Focus	
		Eosinophilic Focus	Moderate
		Hepatocellular Carcinoma	
		[Clear Cell Focus TGLS = 4-2B]	
		[Eosinophilic Focus TGLS = 4-2B,3-2.1]	
		[Hepatocellular Carcinoma TGLS = 1-2A]	
* Pancreas	Acinus	Atrophy	Mild
* Spleen		Hemangiosarcoma	
		[Hemangiosarcoma TGLS = 2-3]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Minimal
* Bone			
Note: TGL 3 nodule is in tooth rather than turbinate bone.			
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 1,2-2]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas	Duct	Cyst	
* Spleen		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
Tooth		Dysplasia	Marked
[Dysplasia TGLS = 3-9]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 94	TRT#: 3	SEX: Male	DAY ON TEST: 456
	DOSE: 3.6 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 95	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Adenoma	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
[Adenoma TGLS = 1-3A]			
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2A]			
* Lung		Hemorrhage	Mild
* Spleen	Lymph Follic	Atrophy	Moderate
[Atrophy TGLS = 3-3]			
Tooth		Inflammation	Chronic Active, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Chronic, Mild
* Liver	Eosinophilic Focus	
	Hepatocellular Carcinoma	
	Necrosis	Minimal
[Eosinophilic Focus TGLS = 2-2]		
[Hepatocellular Carcinoma TGLS = 1-13]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-1]		
Mesentery		
Note: TGL 1 mass in mesentery is detached, pedunculated mass from liver and will be diagnosed as liver tissue.		
Note: TGL 1 mass represents detached liver tissue and is not a true mesenteric lesion on micro exam		
* Preputial Gland	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 97	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma	Multiple
		[Clear Cell Focus TGLS = 3,6-2]	
		[Eosinophilic Focus TGLS = 3-2]	
		[Hepatocellular Adenoma TGLS = 2,3-2+2A]	
* Lung		Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Multiple Histiocyte, Mild
		[Alveolar/Bronchiolar Carcinoma TGLS = 4,5-1]	
* Preputial Gland		Inflammation	Chronic, Mild
* Sem Ves			
Note: TGL 1 large seminal vesicles normal on micro exam.			
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910517

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 3.6 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Fatty Change	Mild

[Clear Cell Focus TGLS = 1-2.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hyperplasia Hypertrophy	Mild Minimal Mild
* Bone			
Note: TGL 3 nodule is in tooth rather than turbinate bone.			
* Brain	Thalamus	Mineralization Hyperplasia Cyst	Minimal Moderate
* Islets, Pancreatic			
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma Mixed Cell Focus	
[Clear Cell Focus TGLS = 2-2+2B]			
[Eosinophilic Focus TGLS = 2-2+2B]			
[Hepatocellular Adenoma TGLS = 1-2A]			
[Mixed Cell Focus TGLS = 2-2B]			
* Nose		Inflammation	Acute, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Dysplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910519

ORGAN AND ACCOUNTABLE SITE STATUS

[Dysplasia TGLS = 3-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Mild
* Bone			
Note: TGL 4 nodule is in tooth rather than turbinate bone			
* Brain	Thalamus	Mineralization Hyperplasia	Minimal Mild
* Islets, Pancreatic		Metaplasia	Osseous, Minimal
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Eosinophilic Focus Mixed Cell Focus	
[Eosinophilic Focus TGLS = 2,3-2]			
[Mixed Cell Focus TGLS = 2-2]			
* Nose	Glands	Inflammation Polyp, Inflammatory	Acute, Minimal Mild
* Sem Ves			
Note: TGL 1 large seminal vesicles normal on micro exam.			
* Thyroid Gland	Follicle	Dilatation	Marked
Tooth		Dysplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910520

ORGAN AND ACCOUNTABLE SITE STATUS

[Dysplasia TGLS = 4-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 101	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 3-2]	
		[Hepatocellular Carcinoma TGLS = 2-2A]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland		Dilatation	Moderate
		Inflammation	Chronic Active, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 102

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Hepatocellular Adenoma	Multiple
		Necrosis	Minimal
	[Hepatocellular Adenoma TGLS = 1,2-2+2A]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 103

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Lymphoma Malignant	
* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 3,4-2+2a]		
* Lung		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-1]		
Lymph Node	Inguinal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 6-3]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-5]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose		Lymphoma Malignant	
* Preputial Gland		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 103	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910523

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Lymphoma Malignant
* Skin	Subcut Tiss	Lymphoma Malignant
* Spleen		Lymphoma Malignant
[Lymphoma Malignant TGLS = 2-3]		
* Stomach, Glandular		Lymphoma Malignant
* Thymus		Lymphoma Malignant
* Urinary Bladder		Lymphoma Malignant

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 104

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 3.6 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Mild
		Mixed Cell Focus	
Note: MIXED CELL FOCUS IN GALLBLADDER SECTION			
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 105

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	

[Eosinophilic Focus TGLS = 3-2]

[Hepatocellular Adenoma TGLS = 1-2A]

[Hepatocellular Carcinoma TGLS = 2-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 106	TRT#: 3	SEX: Male	DAY ON TEST: 456
	DOSE: 3.6 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Prostate
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis	Mild
	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-13]		
* Lung		Metaplasia	Osseous, Minimal
* Nose	Glands	Inflammation	Acute, Minimal
* Stomach, Glandular		Cyst	
		Mineralization	Minimal
* Thymus		Cyst	
* Thyroid Gland	Follicle	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 107	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Eosinophilic Focus	Moderate
		Hepatocellular Adenoma	Multiple
		Necrosis	Mild

[Eosinophilic Focus TGLS = 2-2]
 [Hepatocellular Adenoma TGLS = 1,3,5-2A]
 [Necrosis TGLS = 1-10]

* Nose	Glands	Inflammation	Acute, Minimal
* Stom Gland			

Note: TGL 4 foci caused by focal autolytic change on micro exam.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 108 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 616
DOSE: 3.6 MG/KG **DISP:** Natural Death **HISTO:** 910528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
* Liver			
Note: TGL = 8-2A - No corresponding lesion.			
* Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-5]			
[Lymphoma Malignant TGLS = 3-13]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-5]			
* Pancreas		Lymphoma Malignant	
* Prostate		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 108	TRT#: 3	SEX: Male	DAY ON TEST: 616
	DOSE: 3.6 MG/KG	DISP: Natural Death	HISTO: 910528

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular [Lymphoma Malignant TGLS = 1,2-6A+7+7A]	Lymphoma Malignant	
* Thymus [Lymphoma Malignant TGLS = 6-5]	Lymphoma Malignant	
Tooth	Dysplasia	Mild

PRIMARY CAUSE OF DEATH	- Lymph Node, Mesenteric	Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Stomach;Glandular	Lymphoma Malignant

Animal Note: ADRENALS NOT FOUND IN TGL 2 MASS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 109	TRT#: 3	SEX: Male	DAY ON TEST: 456
	DOSE: 3.6 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-2.1]		
* Nose	Glands	Inflammation	Acute, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 110

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Epididymis		Spermatocele	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		[Clear Cell Focus TGLS = 2-2]	
		[Eosinophilic Focus TGLS = 2-2]	
		[Hepatocellular Adenoma TGLS = 2,3-2A]	
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Angiectasis	Mild
		[Angiectasis TGLS = 5-5]	
* Preputial Gland		Dilatation	Moderate
		Inflammation	Chronic, Mild
		[Dilatation TGLS = 1-10]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 110

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910530

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach

Squamous Cell Carcinoma

[Squamous Cell Carcinoma TGLS = 4-6A]

Tooth

Dysplasia

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 111

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
Eye			
Note: Eye not present in section, so TGL 3 unaddressed.			
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-13]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Clear Cell Focus TGLS = 5-2+2A]			
[Eosinophilic Focus TGLS = 5-2A]			
[Hepatocellular Adenoma TGLS = 1,5,6-2+2A]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 4-5]			
* Preputial Gland		Dilatation	Moderate
		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 111	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910531

ORGAN AND ACCOUNTABLE SITE STATUS

[Dilatation TGLS = 7-10]			
* Skin	SOA	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 112

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 113

TRT#: 3

SEX: Male

DAY ON TEST: 22

DOSE: 3.6 MG/KG

DISP: Natural Death

HISTO: 910533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Testes	Giant Cell	Mild
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PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 114

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		[Clear Cell Focus TGLS = 1-2]	
		[Hepatocellular Adenoma TGLS = 1-2A]	
* Nose	Glands	Inflammation	Acute, Minimal
* Preputial Gland		Inflammation	Chronic, Mild
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 115

TRT#: 3

SEX: Male

DAY ON TEST: 540

DOSE: 3.6 MG/KG

DISP: Moribund Sacrifice

HISTO: 910535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Bone	* Bone Marrow	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy Adenoma	Minimal Minimal
Harderian Gland [Adenoma TGLS = 1-13]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization Nephropathy Clear Cell Focus Eosinophilic Focus	Minimal Chronic, Mild
* Liver [Clear Cell Focus TGLS = 2-2A] [Eosinophilic Focus TGLS = 2-2A]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

- Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 116	TRT#: 3	SEX: Male	DAY ON TEST: 560
	DOSE: 3.6 MG/KG	DISP: Natural Death	HISTO: 910536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Lung	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
* Liver		Necrosis	Mild
[Necrosis TGLS = 2-2]			
* Nose	Glands	Inflammation	Acute, Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
Skeletal Muscle		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH - Skeletal Muscle Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 117	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Metaplasia	Osseous, Minimal
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus Hepatocellular Adenoma	
		[Clear Cell Focus TGLS = 3-2B]	
		[Hepatocellular Adenoma TGLS = 1-2A]	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose		Exudate	Minimal
		Inflammation	Acute, Minimal
* Seminal Vesicle		Inflammation	Chronic, Moderate
		[Inflammation TGLS = 2-11]	
Tooth		Dysplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 117

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910537

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 118

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	

[Eosinophilic Focus TGLS = 1-2A]

[Mixed Cell Focus TGLS = 1-2A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 119	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hyperplasia Hypertrophy	Mild Minimal Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Hepatocellular Adenoma Mixed Cell Focus	
		[Hepatocellular Adenoma TGLS = 3-2A]	
		[Mixed Cell Focus TGLS = 2-2]	
* Nose	Glands	Inflammation	Acute, Minimal
* Preputial Gland		Dilatation Inflammation	Moderate Chronic, Mild
		[Dilatation TGLS = 1-10]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 120	TRT#: 3	SEX: Male	DAY ON TEST: 710
	DOSE: 3.6 MG/KG	DISP: Natural Death	HISTO: 910540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Salivary Glands
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AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hemangiosarcoma	
* Brain	Thalamus	Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Hemangiosarcoma	Multiple
		Hematopoietic Cell Proliferation	Moderate
[Hemangiosarcoma TGLS = 3-2+2A+10]			
* Preputial Gland		Dilatation	Moderate
		Inflammation	Chronic, Mild
[Dilatation TGLS = 1-10]			
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Marked
[Hemangiosarcoma TGLS = 2-3]			
* Stom Gland			
Note: TGL 4 foci not seen on micro exam.			
* Testes		Granuloma Sperm	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 120

TRT#: 3

SEX: Male

DAY ON TEST: 710

DOSE: 3.6 MG/KG

DISP: Natural Death

HISTO: 910540

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

CONTRIBUTORY CAUSE OF DEATH

- Spleen Hematopoietic Cell Proliferation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 6.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Glands	Inflammation	Acute, Minimal
* Preputial Gland		Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hyperplasia	Mild Mild
* Bone			
Note: TGL 5 nodule is in tooth rather than bone on micro exam.			
* Brain	Thalamus	Mineralization Hyperplasia	Minimal Mild
* Islets, Pancreatic		Cyst	
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
	[Cyst TGLS = 2-3]		
* Liver		Mixed Cell Focus	
	[Mixed Cell Focus TGLS = 4-2+2A]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-1A]		
* Nose	Glands	Inflammation Inflammation	Acute, Minimal Acute, Minimal
* Preputial Gland		Inflammation	Chronic Active, Marked
* Seminal Vesicle		Fibrosis	Mild
	[Fibrosis TGLS = 1-11A]		
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910542

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Dysplasia

Moderate

[Dysplasia TGLS = 5-9]

* Urinary Bladder

Calculus Micro Observation Only

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:58
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
	Capsule	Hyperplasia	Mild
		Hypertrophy	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 2-2]			
* Pancreas	Acinus	Atrophy	Moderate
	Duct	Cyst	
[Cyst TGLS = 1-5A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone			
Note: TGL 6 nodule is in tooth rather than bone on micro exam.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 1-2]			
[Hepatocellular Adenoma TGLS = 2,3,4-2+2A]			
[Mixed Cell Focus TGLS = 5-2A]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose		Exudate	Mild
* Preputial Gland		Dilatation	Moderate
		Inflammation	Chronic, Mild
Tooth		Dysplasia	Marked
[Dysplasia TGLS = 6-9]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910544

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 1-2A]			
[Mixed Cell Focus TGLS = 1-2A]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 6.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Minimal
		Hyperplasia	Mild
* Nose	Glands	Inflammation	Acute, Minimal
* Stomach, Forestomach		Cyst	
* Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 127

TRT#: 5
DOSE: 6.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 910547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		[Clear Cell Focus TGLS = 2-2A.1]	
		[Hepatocellular Adenoma TGLS = 1-2]	
* Nose	Glands	Inflammation	Acute, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
		[Squamous Cell Papilloma TGLS = 3-6A]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 618

DOSE: 6.0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Hydronephrosis	Moderate
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 4-3]			
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2-2]			
[Hepatocellular Carcinoma TGLS = 3-2]			
* Nose	Glands	Inflammation	Acute, Minimal
* Preputial Gland		Dilatation	Moderate
		Inflammation	Chronic, Moderate
[Dilatation TGLS = 1-10]			
* Stom Gland			
Note: TGL 6 foci not seen on micro exam.			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Calculus Micro Observation Only	
[Calculus Micro Observation Only TGLS = 5-10]			

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

CONTRIBUTORY CAUSE OF DEATH

- Kidney Hydronephrosis;Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 618

DOSE: 6.0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910548

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-13]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2A]			
* Sem Ves			

Note: TGL 1 enlarged seminal vesicles normal on micro exam.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 130

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 6.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Mild
* Prostate		Concretion	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 131 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 730
DOSE: 6.0 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 910551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Cyst	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Preputial Gland		Dilatation	Marked
		Inflammation	Chronic, Mild
[Dilatation TGLS = 1-10]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 132

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 6.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
* Preputial Gland		Dilatation	Mild
		Inflammation	Chronic, Mild
* Stomach, Glandular		Mineralization	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 661

DOSE: 6.0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 4-13]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 5-2A]			
[Hepatocellular Adenoma TGLS = 3,5-2+2A]			
[Hepatocellular Carcinoma TGLS = 2-2]			
* Lung		Hemorrhage	Mild
		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Dilatation	Marked
		Inflammation	Chronic, Mild
[Dilatation TGLS = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 661

DOSE: 6.0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910553

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014

Time Report Requested: 03:53:59

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 134

TRT#: 5

DOSE: 6.0 MG/KG

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: 910554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Carcinoma	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
[Carcinoma TGLS = 1-3]			
* Preputial Gland		Dilatation	Mild
		Inflammation	Chronic, Moderate
* Stomach, Glandular		Mineralization	Minimal
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Cyst	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		[Clear Cell Focus TGLS = 2-2A]	
		[Hepatocellular Adenoma TGLS = 1-2A]	
* Seminal Vesicle		Inflammation	Chronic, Moderate
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 553

DOSE: 6.0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-13]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
[Clear Cell Focus TGLS = 4-2]		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2A]			
* Lung		Metaplasia	Osseous, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Spleen			

Note: TGL 1 small spleen within normal limits on micro exam.

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

CONTRIBUTORY CAUSE OF DEATH - Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 571

DOSE: 6.0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Minimal
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-1A]		
* Nose	Glands	Inflammation	Acute, Minimal
Spinal Cord		Demyelination	Mild
	Gray Matter	Necrosis	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Spinal Cord Demyelination

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-1]		
* Pancreas	Acinus	Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2-2]			
* Pancreas	Acinus	Atrophy	Minimal
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 6.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Minimal
* Lung		Hemorrhage	Mild
* Preputial Gland		Dilatation	Mild
		Inflammation	Chronic, Minimal

[Dilatation TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Moderate
* Bone			
Note: TGL 5 nodule is in tooth rather than turbinate bone.			
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
[Nephropathy TGLS = 2-3+3A]			
* Liver		Clear Cell Focus Eosinophilic Focus Mixed Cell Focus	Moderate
[Clear Cell Focus TGLS = 3-2A]			
[Eosinophilic Focus TGLS = 4-2,3-2A]			
[Mixed Cell Focus TGLS = 3-2A]			
* Nose		Inflammation	Acute, Minimal
* Sem Ves			
Note: TGL 1 large seminal vesicles normal on micro exam.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 141

TRT#: 5
DOSE: 6.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 910561

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth
[Dysplasia TGLS = 5-9]

Dysplasia

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 142	TRT#: 5	SEX: Male	DAY ON TEST: 385
	DOSE: 6.0 MG/KG	DISP: Natural Death	HISTO: 910562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland
---------------	-----------------

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild

[Hepatocellular Adenoma TGLS = 2-2.1]

[Vacuolization Cytoplasmic TGLS = 1-2]

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 1-2A]		
* Preputial Gland		Dilatation	Mild
		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct	Moderate
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
[Infarct TGLS = 3-3]			
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 5-2A]			
* Lung		Hemorrhage	Moderate
[Hemorrhage TGLS = 4-1]			
* Preputial Gland		Dilatation	Mild
		Inflammation	Chronic, Mild
* Sem Ves			
Note: TGL 1 large seminal vesicles normal on micro exam.			
Tooth		Dysplasia	Marked
* Urinary Bladder		Calculus Gross Observation	
Note: TGL 2 calculus lost in processing.			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 592

DOSE: 6.0 MG/KG

DISP: Natural Death

HISTO: 910565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1,2-2+2A]			
* Pancreas	Acinus	Atrophy	Minimal
* Prostate		Concretion	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma	Multiple
		[Clear Cell Focus TGLS = 3-2+2A]	
		[Eosinophilic Focus TGLS = 3-2]	
		[Hepatocellular Adenoma TGLS = 2,3-2+2A]	
* Nose		Exudate Inflammation	Mild Acute, Minimal
* Sem Ves			
		Note: TGL 1 large seminal vesicles normal on micro exam.	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
[Cyst TGLS = 1-3]			
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[Clear Cell Focus TGLS = 3,4-2+2A]			
[Hepatocellular Adenoma TGLS = 2,3-2A]			
* Nose	Glands	Inflammation	Acute, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Adenoma	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-2]		
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 149	TRT#: 5	SEX: Male	DAY ON TEST: 669
	DOSE: 6.0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Spleen	* Thymus
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Mild
		Pigmentation	Mild
* Liver		Hepatoblastoma	
		Necrosis	Mild
	[Hepatoblastoma TGLS = 2-2A]		
Tooth		Dysplasia	Mild
* Urinary Bladder		Calculus Micro Observation Only	

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
	Capsule	Hyperplasia	Moderate
* Bone			
Note: TGL 2 nodule is in tooth rather than turbinate bone.			
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Eosinophilic Focus	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Nose		Exudate	Mild
		Inflammation	Acute, Minimal
		Polyp, Inflammatory	Minimal
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Sem Ves			
Note: TGL 1 large seminal vesicles normal on micro exam.			
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
* Testes	Interstit Cell	Adenoma	
* Thymus	Mediastinum	Hemangioma	
Tooth		Dysplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910570

ORGAN AND ACCOUNTABLE SITE STATUS

[Dysplasia TGLS = 2-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 151

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 6.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Mild
* Brain		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Minimal
* Preputial Gland		Dilatation	Mild
		Inflammation	Chronic, Mild
* Stomach, Glandular		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 152

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Nose	Glands	Inflammation	Acute, Minimal
* Preputial Gland		Dilatation	Mild
		Inflammation	Chronic, Minimal
* Thymus		Cyst	
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 153

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 6.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-2.01]		
* Nose	Glands	Inflammation	Acute, Minimal
* Pancreas	Acinus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 154

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 3-13]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2A]		Inflammation	Chronic, Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
* Nose	Glands	Inflammation	Acute, Minimal
* Pancreas		Hemangioma	
* Preputial Gland		Dilatation	Mild
		Inflammation	Chronic, Mild
* Sem Ves			
Note: TGL 1 large seminal vesicles normal on micro exam.			
* Stomach, Glandular		Infiltration Cellular	Eosinophil, Mild
Tooth		Dysplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 154

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910574

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 155

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Intestine Small, Ileum	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone			
Note: TGL 8 nodule is in tooth rather than turbinate bone.			
* Brain	Thalamus	Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 4,6,7,9-2+2A+2.1]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 5-1]			
* Nose		Exudate	Mild
* Preputial GI			
Note: TGL 1 small preputial glands normal on micro exam.			
* Sem Ves			
Note: TGL 2 large seminal vesicles normal on micro exam.			
Tooth		Dysplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 155

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910575

ORGAN AND ACCOUNTABLE SITE STATUS

[Dysplasia TGLS = 8-9]

* Urinary Bladder

Calculus Micro Observation Only

[Calculus Micro Observation Only TGLS = 3-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 156

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Cyst	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
		[Clear Cell Focus TGLS = 2,5-2+2A]	
		[Eosinophilic Focus TGLS = 2,5-2A]	
		[Hemangiosarcoma TGLS = 1-2]	
		[Hepatocellular Adenoma TGLS = 2,3,5-2A]	
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 4-1]	
* Preputial Gland		Dilatation	Moderate
		Inflammation	Chronic, Mild
		[Dilatation TGLS = 6-10]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 156

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910576

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Dysplasia

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 157	TRT#: 5 DOSE: 6.0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 910577
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 5-2+2A+2B]			
[Eosinophilic Focus TGLS = 5-2]			
[Hepatocellular Adenoma TGLS = 2,4-2+2A]			
[Mixed Cell Focus TGLS = 5-2A]			
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLS = 3-1]			
* Nose	Glands	Inflammation	Acute, Minimal
* Preputial Gland		Dilatation	Moderate
		Inflammation	Chronic, Mild
[Dilatation TGLS = 1-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 157

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910577

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 158	TRT#: 5	SEX: Male	DAY ON TEST: 603
	DOSE: 6.0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Carcinoma	Metastatic (Pancreas)
* Gallbladder		Carcinoma	Metastatic (Pancreas)
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Hepatocholangiocarcinoma	
	[Hepatocholangiocarcinoma TGLS = 4-2A]		
* Lung		Carcinoma	Metastatic (Pancreas)
* Lymph Node, Mesenteric		Carcinoma	Metastatic (Pancreas)
	Note: TGL 2 nodules in mesentery rather than mesenteric In Mesentery		
	[Hepatocholangiocarcinoma TGLS = 2-5A]	Hepatocholangiocarcinoma	Metastatic (Liver)
* Pancreas		Carcinoma	
	[Carcinoma TGLS = 3-5B]		
* Seminal Vesicle		Carcinoma	Metastatic (Pancreas)
* Skin	Subcut Tiss	Granuloma	Moderate
	[Granuloma TGLS = 1-13]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 5-3]		
* Testes		Carcinoma	Metastatic (Pancreas)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 158

TRT#: 5

SEX: Male

DAY ON TEST: 603

DOSE: 6.0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910578

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Pancreas Carcinoma

Animal Note: TGL 3 nodules in pancreas rather than pancreatic In

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 159

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 6.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Congestion	Mild

[Congestion TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 160

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		[Eosinophilic Focus TGLS = 6,7-2+2A]	
		[Hepatocellular Adenoma TGLS = 1,2-2+2A]	
* Lung		Alveolar/Bronchiolar Carcinoma	
		[Alveolar/Bronchiolar Carcinoma TGLS = 3-1]	
* Stomach, Glandular		Carcinoid Tumor Benign	
		Note: TGL 4 depressed foci are normal mucosal folds.	
		[Carcinoid Tumor Benign TGLS = 5-6+6.1+6.2]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 161

TRT#: 5
DOSE: 6.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 910581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
Harderian Gland			
Note: TGL 4 enlargement not seen on micro exam.			
Note: TGL 4 large Harderian gland normal on micro exam.			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
[Clear Cell Focus TGLS = 3-2]			
[Hepatocellular Adenoma TGLS = 2-2]			
* Nose	Glands	Inflammation	Acute, Minimal
* Spleen		Angiectasis	Minimal
[Angiectasis TGLS = 1-3.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 162

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
	Capsule	Hyperplasia	Mild
		Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	

[Clear Cell Focus TGLS = 2,3-2+2A]
 [Eosinophilic Focus TGLS = 3-2A]
 [Hepatocellular Adenoma TGLS = 3-2]
 [Mixed Cell Focus TGLS = 2-2A]

* Sem Ves

Note: TGL 1 large seminal vesicles normal on micro exam.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 163

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		[Eosinophilic Focus TGLS = 6-2A]	
		[Hepatocellular Adenoma TGLS = 4-2]	
* Nose	Glands	Inflammation	Acute, Minimal
* Preputial Gland		Dilatation	Moderate
		Inflammation	Chronic, Mild
		[Dilatation TGLS = 1-10]	
* Prostate		Inflammation	Chronic, Minimal
* Sem Ves			
		Note: TGL 2,3 large seminal vesicles normal on micro exam.	
* Stom Forestom			
		Note: TGL 5 foci not seen on micro exam.	
* Stom Gland			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 163	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 6.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910583

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 5 pale foci not seen on micro exam.

* Thyroid Gland

Follicular Cel

Adenoma

Follicular Cel

Hyperplasia

Minimal

Tooth

Dysplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 164

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Pancreas
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Clear Cell Focus Mixed Cell Focus	
		[Clear Cell Focus TGLS = 6-2]	
		[Mixed Cell Focus TGLS = 5-2A]	
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 4-5A]	
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
* Sem Ves			
		Note: TGL 2 large seminal vesicles normal on micro exam.	
* Spleen		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 3-3]	
* Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 164

TRT#: 5
DOSE: 6.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 910584

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Dysplasia	Mild
[Calculus Micro Observation Only TGLS = 1-10]		Calculus Micro Observation Only	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 165

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Eosinophilic Focus Hemangiosarcoma Mixed Cell Focus	
		[Eosinophilic Focus TGLS = 2-2]	
		[Hemangiosarcoma TGLS = 1-2]	
		[Mixed Cell Focus TGLS = 2-2]	
* Nose		Exudate Foreign Body Inflammation	Mild Minimal Acute, Mild
* Stom Forestom			
Note: TGL 3 foci not seen on micro exam.			
* Stom Gland			
Note: TGL 3 foci not seen on micro exam.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 165

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910585

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Dysplasia

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 166

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Moderate Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Clear Cell Focus Mixed Cell Focus	
	[Mixed Cell Focus TGLS = 1-2+2A]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Dilatation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 167

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver			
Note: TGL 3 focus not seen on micro exam after recut.			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 2-1A]			
Mesentery		Inflammation	Granulomatous, Mild
[Inflammation TGLS = 1-13]			
* Stomach, Glandular		Erosion	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 168

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 6.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
* Pancreas	Acinus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 169

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 3-2+2A]	
		[Hepatocellular Carcinoma TGLS = 2-2A]	
* Pituitary Gland	Pars Distalis	Cyst	
* Preputial Gland		Dilatation	Moderate
		Inflammation	Chronic, Mild
		[Dilatation TGLS = 1-10]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 170

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Clear Cell Focus TGLS = 2-2+2A]			
[Hepatocellular Adenoma TGLS = 3-2A]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Sem Ves			
Note: TGL 1 large seminal vesicles normal on micro exam.			
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 171

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone			
Note: TGL 3 nodule is in tooth rather than turbinate bone.			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		[Eosinophilic Focus TGLS = 2-2A]	
		[Hepatocellular Adenoma TGLS = 1-2]	
* Nose		Exudate	Mild
		Polyp, Inflammatory	Mild
* Pancreas		Inflammation	Chronic, Minimal
* Preputial Gland		Dilatation	Mild
		Inflammation	Chronic, Mild
Tooth		Dysplasia	Marked
		[Dysplasia TGLS = 3-9]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 171

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910591

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 172	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 6.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Bone			
Note: TGL 1 nodule is in tooth rather than turbinate bone.			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Nose		Exudate	Minimal
	Glands	Inflammation	Acute, Minimal
Tooth		Dysplasia	Marked
[Dysplasia TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 173	TRT#: 5	SEX: Male	DAY ON TEST: 661
	DOSE: 6.0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lymph Node, Mandibular	* Nose	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Lymphoma Malignant	Mild
* Epididymis		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6A]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
		Necrosis	Minimal
* Lung	Alveolar Epith	Hyperplasia Lymphoma Malignant	Minimal
[Lymphoma Malignant TGLS = 6-1]			
Lymph Node	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5A]			
* Pancreas		Lymphoma Malignant	
* Prostate		Lymphoma Malignant	
* Seminal Vesicle		Lymphoma Malignant	
* Skin	SOA	Hyperkeratosis	Minimal
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 173

TRT#: 5

SEX: Male

DAY ON TEST: 661

DOSE: 6.0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910593

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-3]

* Testes

Lymphoma Malignant

* Thymus

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

- Intestine Small, Jejunum Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 174	TRT#: 5	SEX: Male	DAY ON TEST: 456
	DOSE: 6.0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Preputial Gland		Dilatation	Mild
		Inflammation	Chronic, Minimal

[Dilatation TGLS = 1-10]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 175	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 6.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLS = 5-2A]		
	[Hepatocellular Carcinoma TGLS = 1-2B]		
* Lung		Alveolar/Bronchiolar Carcinoma	Metastatic (Liver)
		Hepatocellular Carcinoma	Histiocyte, Mild
		Infiltration Cellular	
	[Alveolar/Bronchiolar Carcinoma TGLS = 2,4-1]		
	[Hepatocellular Carcinoma TGLS = 4-1]		
* Preputial Gland		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Ectopic Parathyroid Gland	
* Urinary Bladder		Calculus Gross Observation	

Note: TGL 3 calculus lost during tissue processing.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 176	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 6.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 177

TRT#: 5
DOSE: 6.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 910597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	Marked
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
		[Clear Cell Focus TGLS = 4-2B]	
		[Eosinophilic Focus TGLS = 2-2A,4-2B]	
		[Hepatocellular Adenoma TGLS = 1,3-2]	
		[Mixed Cell Focus TGLS = 4-2B]	
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Angiectasis	Mild
		[Angiectasis TGLS = 5-5]	
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 177

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910597

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 178

TRT#: 5
DOSE: 6.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 910598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		[Eosinophilic Focus TGLS = 2-2B.1]	
		[Hepatocellular Carcinoma TGLS = 1-2A]	
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Dilatation	Mild
		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 179

TRT#: 5
DOSE: 6.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 910599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Mild
* Brain	Thalamus	Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Carcinoma	
[Carcinoma TGLS = 3-6A]			
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-2]		Hepatoblastoma	
[Hepatoblastoma TGLS = 1-2A]			
* Lung	Alveolar Epith	Hyperplasia	Mild
[Hyperplasia TGLS = 4-1A]			
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Dilatation	Mild
		Inflammation	Chronic, Minimal
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 179

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910599

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 180

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Moderate Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Cyst	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		[Clear Cell Focus TGLS = 5-2A]	
		[Eosinophilic Focus TGLS = 5-2A]	
		[Hepatocellular Adenoma TGLS = 5-2,2-2A]	
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
		[Alveolar/Bronchiolar Adenoma TGLS = 3-1]	
		[Alveolar/Bronchiolar Carcinoma TGLS = 4-1]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 180

TRT#: 5
DOSE: 6.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 910600

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Exudate	Mild
* Sem Ves		
Note: TGL 1 large seminal vesicles normal on micro exam.		
* Urinary Bladder	Calculus Micro Observation Only	
[Calculus Micro Observation Only TGLS = 6-10]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 181

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Clear Cell Focus Hepatocellular Adenoma	
		[Clear Cell Focus TGLS = 4-2+2A]	
		[Hepatocellular Adenoma TGLS = 3-2A]	
Mesentery	Fat	Necrosis	Moderate
		[Necrosis TGLS = 1-13]	
* Nose	Glands	Inflammation	Acute, Minimal
* Preputial Gland		Dilatation Inflammation	Mild Chronic, Mild
* Prostate		Cyst	
* Sem Ves			
Note: TGL 2 large seminal vesicle normal on micro exam.			
* Testes	Seminif Tub	Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 181

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910421

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Dysplasia

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4,5-2+2A]			
Lymph Node	Pancreatic	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 7-5]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-5A]			
* Pancreas			
Note: TGL 7 nodule is in pancreatic ln on micro exam.			
* Preputial Gland		Dilatation	Moderate
		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
[Hematopoietic Cell Proliferation TGLS = 3-3+3A]			
[Histiocytic Sarcoma TGLS = 6-3+3A]			
* Urinary Bladder		Calculus Gross Observation	
Note: TGL 1 accumulation not seen on micro exam.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910422

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Brain	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-13]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 490

DOSE: 10.0 MG/KG

DISP: Natural Death

HISTO: 910424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2,3-2A]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma	
		[Clear Cell Focus TGLS = 4-2+2A]	
		[Eosinophilic Focus TGLS = 4-2A]	
		[Hepatocellular Adenoma TGLS = 3-2A]	
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Dilatation Inflammation	Moderate Chronic, Mild
		[Dilatation TGLS = 1-10]	
* Sem Ves			
		Note: TGL 2 large seminal vesicles are normal on micro exam.	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Tooth		Dysplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910425

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 581

DOSE: 10.0 MG/KG

DISP: Natural Death

HISTO: 910426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Heart	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Nose	* Preputial Gland	* Salivary Glands
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Carcinoma	Metastatic (Uncertain Primary Site)
* Epididymis	Carcinoma	Metastatic (Uncertain Primary Site)
* Intestine Large, Colon	Carcinoma	Metastatic (Uncertain Primary Site)
* Kidney	Carcinoma	Metastatic (Uncertain Primary Site)
* Liver	Carcinoma	Metastatic (Uncertain Primary Site)
	Hepatocellular Carcinoma	
	Necrosis	Minimal
[Hepatocellular Carcinoma TGLS = 5-2A]		
[Necrosis TGLS = 8-2]		
Lymph Node		
Note: TGL 3 nodules are in mesentery rather than in pancreatic lymph node on micro exam.		
* Lymph Node, Mesenteric	Carcinoma	Metastatic (Uncertain Primary Site)
Note: Some TGL 2 nodules are in mesentery on micro exam.		
[Carcinoma TGLS = 2-5]		
Mesentery	Carcinoma	Metastatic (Uncertain Primary Site)
Note: TGL 3 nodules are in mesentery rather than in pancreatic lymph node on micro exam.		
[Carcinoma TGLS = 2,3-5+5A]		
* Pancreas	Carcinoma	Metastatic (Uncertain Primary Site)
[Carcinoma TGLS = 4-6A]		
* Prostate	Carcinoma	Metastatic (Uncertain Primary Site)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 186	TRT#: 7	SEX: Male	DAY ON TEST: 581
	DOSE: 10.0 MG/KG	DISP: Natural Death	HISTO: 910426

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle	Carcinoma	Metastatic (Uncertain Primary Site)
Skeletal Muscle [Carcinoma TGLS = 6-13]	Carcinoma	Metastatic (Uncertain Primary Site)
* Skin [Sarcoma TGLS = 7-14]	Sarcoma	
* Spleen	Carcinoma Hematopoietic Cell Proliferation	Metastatic (Uncertain Primary Site) Marked
* Stomach, Glandular Note: TGL 4 nodules are in pancreas rather than stomach on micro exam.	Carcinoma	Metastatic (Uncertain Primary Site)
* Testes	Carcinoma	Metastatic (Uncertain Primary Site)

PRIMARY CAUSE OF DEATH	- Pancreas Carcinoma Uncertain Primary Site
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 187

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910427

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Granuloma	Mild
		Myelofibrosis	Minimal
* Epididymis		Spermatocele	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Lung		Alveolar/Bronchiolar Adenoma	

[Alveolar/Bronchiolar Adenoma TGLS = 1-1A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Clear Cell Focus Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-2]			
* Nose	Glands	Exudate Inflammation	Mild Acute, Minimal
* Preputial Gland		Dilatation	Moderate
[Dilatation TGLS = 1-10]			
* Sem Ves			
Note: TGL 2 large seminal vesicle normal on micro exam.			
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 190	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Degeneration	Hyaline, Mild
		Lymphoma Malignant	
		Nephropathy	Chronic, Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 3-2A]		
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-13]		
	[Lymphoma Malignant TGLS = 2-5]		
* Lymph Node, Mesenteric		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 2-2.1]	
		[Hepatocellular Carcinoma TGLS = 3-2A]	
* Pituitary Gland	Pars Distalis	Cyst	
* Preputial Gland		Dilatation	Moderate
		[Dilatation TGLS = 1-10]	
* Thyroid Gland		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Hepatocellular Carcinoma	
		Vacuolization Cytoplasmic	Mild
		[Clear Cell Focus TGLS = 1-2]	
		[Hepatocellular Carcinoma TGLS = 2-2A]	
* Lung		Alveolar/Bronchiolar Carcinoma	
		[Alveolar/Bronchiolar Carcinoma TGLS = 3-1A]	
* Preputial Gland		Dilatation	Mild
		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 193	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
* Preputial Gland		Dilatation	Moderate
		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 623

DOSE: 10.0 MG/KG

DISP: Natural Death

HISTO: 910434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Gallbladder	* Mammary Gland
---------------	-----------------

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Urinary Bladder			

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Kidney		Nephropathy	Acute, Moderate
* Liver		Hepatocellular Carcinoma	Multiple
		Necrosis	Mild
	[Hepatocellular Carcinoma TGLS = 1,3-2+2A]		
	[Necrosis TGLS = 4-2]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 2-1]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Preputial Gland		Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Moderate
* Liver		Clear Cell Focus	
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 3-2A]		
* Lymph Node, Mesenteric		Angiectasis	Minimal
	[Angiectasis TGLS = 2-5]		
* Nose	Glands	Inflammation	Acute, Minimal
* Preputial Gland		Dilatation	Moderate
		Inflammation	Chronic Active, Marked
	[Dilatation TGLS = 1-10.1]		
	[Inflammation TGLS = 1-10.1]		
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Mild
* Epididymis		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
[Hyperplasia TGLS = 7-5]			
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 3-2B]			
[Hepatocellular Adenoma TGLS = 2,4-2A+2B]			
[Mixed Cell Focus TGLS = 3-2B]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 5-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 196	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910436

ORGAN AND ACCOUNTABLE SITE STATUS

[Alveolar/Bronchiolar Carcinoma TGLS = 5-1]			
* Pancreas	Acinus	Atrophy	Marked
Note: TGL 7 foci in pancreatic islets on micro exam.			
* Preputial Gland		Dilatation	Moderate
* Sem Ves			
Note: TGL 1 large seminal vesicles normal on micro exam.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 6-3]			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Clear Cell Focus Eosinophilic Focus Hepatocellular Adenoma	Multiple
		[Clear Cell Focus TGLS = 2,4-2+2A] [Eosinophilic Focus TGLS = 2,4-2+2A] [Hepatocellular Adenoma TGLS = 2,4-2+2A]	
* Nose	Glands	Inflammation	Acute, Minimal
* Sem Ves			
		Note: TGL 1 large seminal vesicle normal on micro exam.	
* Thyroid Gland	Follicle	Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 198	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Gallbladder		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Cyst	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
		[Hepatocellular Adenoma TGLS = 2,3-2+2B]	
		[Mixed Cell Focus TGLS = 4-2A]	
* Lymph Node, Mesenteric		Angiectasis	Minimal
* Sem Ves			
Note: TGL 1 large seminal vesicle normal on micro exam.			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 3-13]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-2A]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	Mild
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Marked
		Inflammation	Chronic, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 2-1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 200	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Clear Cell Focus Eosinophilic Focus	
		[Clear Cell Focus TGLS = 1-2A]	
		[Eosinophilic Focus TGLS = 1-2A]	
* Nose	Glands	Inflammation	Acute, Minimal
* Skin	SOA	Acanthosis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 201

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
* Nose	Glands	Inflammation	Acute, Minimal
* Stom Gland			

[Eosinophilic Focus TGLS = 3-2A]

[Hepatocellular Adenoma TGLS = 1,2-2+2A]

Note: TGL 4 foci not seen on micro exam after recut.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 202	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910442

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle [Inflammation TGLS = 1-11]		Inflammation	Chronic, Mild
* Stom Gland Note: TGL 8 foci not seen on micro after recut.			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 203

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 204

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 1-1.1]	
* Pancreas	Acinus	Atrophy	Minimal
* Salivary Glands		Mineralization	Minimal
* Thymus		Ectopic Parathyroid Gland	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 205	TRT#: 7	SEX: Male	DAY ON TEST: 515
	DOSE: 10.0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
Ear	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2A]			
* Nose	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Cyst	

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 206

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-2]			
* Nose	Glands	Inflammation	Acute, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 207

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910447

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		[Clear Cell Focus TGLS = 4-2]	
		[Hepatocellular Adenoma TGLS = 2-2]	
* Lung		Hemorrhage	Minimal
		[Hemorrhage TGLS = 3-1]	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 1-5]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 208

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910448

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 1 large seminal vesicles normal on micro exam.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 209

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Congestion Hepatocellular Adenoma	Mild
	[Congestion TGLS = 3-2]		
	[Hepatocellular Adenoma TGLS = 1-2A]		
* Nose		Exudate	Minimal
* Pituitary Gland	Pars Distalis	Cyst	
* Spleen		Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLS = 2-3]		
* Stom Gland			
	Note: TGL 4 foci not seen on micro exam after recut.		
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 210

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: .

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Mild Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst Mineralization Nephropathy	Minimal Chronic, Minimal
* Liver		Clear Cell Focus Hepatocellular Adenoma Mixed Cell Focus	Multiple
		[Clear Cell Focus TGLS = 4-2]	
		[Hepatocellular Adenoma TGLS = 2,3-2+2A+2.1]	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose	Glands	Inflammation	Acute, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Sem Ves			
		Note: TGL 1 large seminal vesicles normal on micro exam.	
* Thymus		Cyst	
Tooth		Dysplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 210

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: .

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 211

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 10.0 MG/KG

DISP: Natural Death

HISTO: 910451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Rectum
* Lymph Node, Mandibular	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Trachea	

MISSING

* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular	* Urinary Bladder

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
	Hepatocellular Carcinoma	Metastatic (Liver)
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Hepatocellular Carcinoma	Metastatic (Liver)
	Infarct	Moderate
	Nephropathy	Chronic, Minimal
* Liver	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 6-2+2A]	
	[Hepatocellular Carcinoma TGLS = 1-2]	
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 4,5-1]	
* Lymph Node, Mesenteric	Angiectasis	Mild
Note: TGL 1 mass is in liver rather than mesenteric ln on micro exam.		
* Nose	Glands	Acute, Minimal
* Preputial Gland	Inflammation	Chronic, Mild
* Spleen	Hematopoietic Cell Proliferation	Moderate
Note: TGL 3 focus in spleen is autolysis on micro exam.		
* Thyroid Gland	Follicular Cel	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 211

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 10.0 MG/KG

DISP: Natural Death

HISTO: 910451

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 212	TRT#: 7	SEX: Male	DAY ON TEST: 456
	DOSE: 10.0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Mild
* Pituitary Gland	Pars Distalis	Cyst	
* Preputial Gland		Dilatation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 213

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,2-2A]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Metaplasia	Osseous, Minimal
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-1A]		
* Nose	Glands	Inflammation	Acute, Minimal
* Preputial Gland		Dilatation	Moderate
		Inflammation	Chronic, Mild
* Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 214

TRT#: 7

SEX: Male

DAY ON TEST: 582

DOSE: 10.0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Inflammation	Chronic, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Marked
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 1,2-2A]			
* Lymph Node, Mesenteric		Angiectasis	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 215	TRT#: 7	SEX: Male	DAY ON TEST: 686
	DOSE: 10.0 MG/KG	DISP: Natural Death	HISTO: 910455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Parathyroid Gland	* Pituitary Gland		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 7-4]	
* Epididymis		Lymphoma Malignant	
* Esophagus		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Lymphoma Malignant	
	Cortex	Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
		[Hepatocellular Adenoma TGLS = 4-2]	
* Lung		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 6-1]	
* Lymph Node, Mandibular		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 8-5]	
* Lymph Node, Mesenteric		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 2-5]	
* Nose		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Preputial Gland		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 215	TRT#: 7	SEX: Male	DAY ON TEST: 686
	DOSE: 10.0 MG/KG	DISP: Natural Death	HISTO: 910455

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Lymphoma Malignant
* Salivary Glands		Lymphoma Malignant
* Seminal Vesicle		Lymphoma Malignant
Note: TGL 1 large seminal vesicle within normal range on micro exam.		
* Skin	Subcut Tiss	Lymphoma Malignant
* Spleen		Lymphoma Malignant
[Lymphoma Malignant TGLS = 3-3]		
* Stomach, Forestomach		Lymphoma Malignant
[Lymphoma Malignant TGLS = 9-6A]		
* Stomach, Glandular		Lymphoma Malignant
* Testes		Lymphoma Malignant
* Thyroid Gland		Lymphoma Malignant
* Trachea		Lymphoma Malignant
* Urinary Bladder		Lymphoma Malignant

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 216

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910456

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Epididymis		Granuloma Sperm	Mild
		Spermatocele	
	[Granuloma Sperm TGLS = 1-11A]		
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Cyst	
		Hepatocellular Carcinoma	Metastatic (Liver)
		Nephropathy	Chronic, Mild
* Liver		Eosinophilic Focus	
	[Hepatocellular Carcinoma TGLS = 3-2+2A]	Hepatocellular Carcinoma	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 4-1+1A]		
* Lymph Node, Mesenteric		Angiectasis	Minimal
* Pancreas	Acinus	Atrophy	Minimal
		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-3]		
* Testes	Seminif Tub	Degeneration	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 216

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910456

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 217

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Mild
	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-5.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 218

TRT#: 7

SEX: Male

DAY ON TEST: 676

DOSE: 10.0 MG/KG

DISP: Natural Death

HISTO: 910458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pituitary Gland	* Stomach, Forestomach
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Ileum
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 5-3]			
* Liver		Hepatocellular Carcinoma	Multiple
		Necrosis	Moderate
[Hepatocellular Carcinoma TGLS = 2,3-2+2A]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 4-1]			
* Lymph Node, Mesenteric		Angiectasis	Marked
* Preputial Gland		Dilatation	Mild
		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 219

TRT#: 7

SEX: Male

DAY ON TEST: 536

DOSE: 10.0 MG/KG

DISP: Natural Death

HISTO: 910459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Lymph Node, Mandibular	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Bone	* Bone Marrow	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas	* Stomach, Forestomach
* Stomach, Glandular	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
Note: TGL 7 brain lesion not seen on micro exam.			
* Kidney	Cortex	Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 4-2]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 8-1]		
* Nose	Glands	Inflammation	Acute, Minimal
* Pancreas			
Note: TGL 6 pancreatic lesion diagnosis precluded by autolysis.			
* Preputial Gland		Dilatation	Mild
		Inflammation	Chronic, Mild
* Prostate		Inflammation	Acute, Mild
* Sem Ves			
Note: TGL 1 large seminal vesicles normal on micro exam.			
* Spleen	Red Pulp	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 219

TRT#: 7

SEX: Male

DAY ON TEST: 536

DOSE: 10.0 MG/KG

DISP: Natural Death

HISTO: 910459

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 3-3]

* Stom Gland

Note: TGL 5 stomach lesion diagnosis precluded by autolysis.

* Urin Bladder

Note: TGL 2 large urinary bladder autolyzed with no micro lesions observed.

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 220	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-1A]		
* Pituitary Gland	Pars Distalis	Cyst	
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 221

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 10.0 MG/KG

DISP: Natural Death

HISTO: 910461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Intestine Large, Cecum		Inflammation	Acute, Mild
* Intestine Large, Rectum		Inflammation	Acute, Marked
		Necrosis	Marked
* Intestine Small, Ileum		Inflammation	Chronic Active, Marked
		Necrosis	Marked
		[Inflammation TGLS = 1-6]	
		[Necrosis TGLS = 1-6]	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Cyst	
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
		[Clear Cell Focus TGLS = 6,7-2+2A]	
		[Mixed Cell Focus TGLS = 5-2]	
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 2-1]	
* Lymph Node, Mesenteric		Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 221	TRT#: 7	SEX: Male	DAY ON TEST: 722
	DOSE: 10.0 MG/KG	DISP: Natural Death	HISTO: 910461

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Dilatation	Moderate
		Inflammation	Chronic Active, Moderate
* Spleen			
Note: TGL 4 focus not visible on micro exam after recut.			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 3-11]			
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH	- Intestine Small, Ileum	Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Intestine Large;Rectum	Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 222

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
		[Clear Cell Focus TGLS = 3-2+2A]	
		[Mixed Cell Focus TGLS = 2-2+2A]	
* Sem Ves			
		Note: TGL 1 large seminal vesicle normal on micro exam.	
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 223

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	
	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Clear Cell Focus Hepatocellular Adenoma Mixed Cell Focus	

[Clear Cell Focus TGLS = 2-2B]

[Hepatocellular Adenoma TGLS = 1-2A]

[Mixed Cell Focus TGLS = 2-2B]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 224

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Clear Cell Focus Mixed Cell Focus	
[Clear Cell Focus TGLS = 2-2A]			
[Mixed Cell Focus TGLS = 2-2A]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 225	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		[Clear Cell Focus TGLS = 6-2A]	
		[Hepatocellular Adenoma TGLS = 1,2-2]	
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic, Minimal
		[Alveolar/Bronchiolar Carcinoma TGLS = 3,4-1]	
		[Inflammation TGLS = 5-1]	
* Nose		Exudate	Mild
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014

Time Report Requested: 03:53:59

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 226

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 3-2+2A]			
[Hepatocellular Adenoma TGLS = 1-2]			
[Mixed Cell Focus TGLS = 3-2]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 2-1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 227

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
		[Clear Cell Focus TGLS = 1-2]	
		[Mixed Cell Focus TGLS = 1-2]	
* Lung	Alveolar Epith	Hyperplasia	Mild
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
		[Hyperplasia TGLS = 2-6A]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 228

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-13]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Cyst	
		Nephropathy	Chronic, Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-1A]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-5]			
* Preputial Gland		Inflammation	Chronic Active, Marked
* Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 229	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-2A]		
* Nose	Glands	Inflammation	Acute, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 230

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization Nephropathy	Minimal Chronic, Mild
* Liver		Clear Cell Focus Hepatocellular Adenoma	
		[Clear Cell Focus TGLS = 2-2+2A]	
		[Hepatocellular Adenoma TGLS = 1-2]	
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Inflammation	Chronic, Moderate
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 231	TRT#: 7	SEX: Male	DAY ON TEST: 464
	DOSE: 10.0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 1-13]			
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
* Liver		Mixed Cell Focus	
* Lymph Node, Mandibular		Angiectasis	Marked
[Angiectasis TGLS = 2-5]			

PRIMARY CAUSE OF DEATH	- Bone Osteosarcoma
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 232

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy Inflammation	Minimal Minimal Granulomatous, Marked
* Epididymis			
[Inflammation TGLS = 1-11A]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization Nephropathy Alveolar/Bronchiolar Adenoma	Minimal Chronic, Mild
* Lung			
[Alveolar/Bronchiolar Adenoma TGLS = 2-1A]			
* Nose		Hemangiosarcoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 233

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
		[Clear Cell Focus TGLS = 4-2+2A]	
		[Hepatocellular Adenoma TGLS = 3-2A]	
		[Mixed Cell Focus TGLS = 4-2]	
* Lymph Node, Mesenteric		Hemorrhage	Mild
		[Hemorrhage TGLS = 2-5]	
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Dilatation	Moderate
Skeletal Muscle		Hemangioma	
		[Hemangioma TGLS = 5-14]	
* Skin	Subcut Tiss	Sarcoma	
		[Sarcoma TGLS = 1-13]	
* Spleen		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 233

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910473

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Dysplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 234 **TRT#:** 7 **SEX:** Male **DAY ON TEST:** 660
DOSE: 10.0 MG/KG **DISP:** Natural Death **HISTO:** 910474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Brain	Thalamus	Mineralization	Minimal
* Epididymis		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
Eye	Lens	Cataract	Mild
[Cataract TGLS = 1-15]			
Harderian Gland	Bilateral	Carcinoma	
[Carcinoma TGLS = 15-13+15]			
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 16-6]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	
		Mineralization	Minimal
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 6-3]			
* Liver		Eosinophilic Focus	
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Eosinophilic Focus TGLS = 12-2]			
* Lung		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 14-1]			
* Lymph Node, Mesenteric		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 5-5]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 234	TRT#: 7	SEX: Male	DAY ON TEST: 660
	DOSE: 10.0 MG/KG	DISP: Natural Death	HISTO: 910474

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary GI Note: TGL 2 lesion is in skin rather than mammary gland. Mesentery [Squamous Cell Carcinoma TGLS = 4-14]	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Pancreas	Inflammation	Chronic, Moderate
* Prostate	Inflammation	Chronic, Minimal
* Seminal Vesicle	Inflammation	Chronic, Mild
Skeletal Muscle [Squamous Cell Carcinoma TGLS = 13-16]	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Skin [Edema TGLS = 2-3]	Edema	Marked
* Spleen [Squamous Cell Carcinoma TGLS = 7,8,9-3+3.1+6A]	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Stomach, Forestomach [Squamous Cell Carcinoma TGLS = 10,11-6A+6B]	Squamous Cell Carcinoma	
* Testes	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)

PRIMARY CAUSE OF DEATH - Stomach, Forestomach Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 235

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Epididymis			
Note: TGL 5 focus not seen on micro exam after recut.			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
		[Hepatocellular Adenoma TGLS = 1-2A]	
		[Mixed Cell Focus TGLS = 3-2A]	
* Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Minimal
		[Hemorrhage TGLS = 2-1]	
* Stom Gland			
Note: TGL 4 focus represents normal depression in glandular mucosa.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 236

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Mild
[Fatty Change TGLS = 1-2]			
* Nose	Glands	Inflammation	Acute, Minimal
* Preputial Gland		Dilatation	Mild
* Thyroid Gland	Follicle	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 237

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2.1]			
* Skin	SOA	Acanthosis	Mild
* Urinary Bladder		Calculus Gross Observation	
		Calculus Micro Observation Only	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 238

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Metaplasia	Osseous, Mild
	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
	[Metaplasia TGLS = 4-3]		
* Liver		Clear Cell Focus	
		Cyst	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	[Clear Cell Focus TGLS = 9,10-2+2A]		
	[Cyst TGLS = 6-2]		
	[Hepatocellular Adenoma TGLS = 5,11-2+2A]		
	[Mixed Cell Focus TGLS = 9,10-2+2A]		
* Lung		Hemorrhage	Minimal
	[Hemorrhage TGLS = 7-1]		
* Preputial Gland		Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 238	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910478

ORGAN AND ACCOUNTABLE SITE STATUS

[Dilatation TGLS = 1-10] * Sem Ves Note: TGL 2,3 large seminal vesicles normal on micro exam.	Inflammation	Chronic, Mild
* Spleen [Hyperplasia TGLS = 8-3]	Hyperplasia	Lymphoid, Moderate
Tooth	Dysplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 239	TRT#: 7	SEX: Male	DAY ON TEST: 456
	DOSE: 10.0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[Alveolar/Bronchiolar Adenoma TGLS = 1,2-1.1]		
* Nose	Glands	Inflammation	Acute, Minimal
* Pancreas		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 240

TRT#: 7

SEX: Male

DAY ON TEST: 691

DOSE: 10.0 MG/KG

DISP: Natural Death

HISTO: 910480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hypertrophy	Minimal Minimal
* Bone Marrow		Hemangiosarcoma	
* Brain	Thalamus	Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Spleen		Hemangiosarcoma	

[Hemangiosarcoma TGLS = 1-3A]

PRIMARY CAUSE OF DEATH

- Spleen Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 256

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 741
HISTO: 910601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		[Eosinophilic Focus TGLS = 2,4,5-2+2A+2B]	
		[Hepatocellular Adenoma TGLS = 1,2-2+2A]	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Stom Forestom			
		Note: TGL 3 foci are normal mucosal folds.	
* Stom Gland			
		Note: TGL 3 foci are normal mucosal folds.	
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 257

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Adenoma	
	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
* Intestine Small, Jejunum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-6]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Mild
		Pigmentation	Minimal
[Pigmentation TGLS = 2-3.1]			
* Liver		Clear Cell Focus	
		Eosinophilic Focus	Moderate
[Eosinophilic Focus TGLS = 3-2]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 258

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 741
HISTO: 910603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 2-2A]			
[Hepatocellular Adenoma TGLS = 1-2A]			
* Ovary		Cyst	
	Periovarn Tiss	Necrosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 259 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 729
DOSE: 0 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 910604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
Skeletal Muscle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Hemangiosarcoma	
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 3-2]	
		[Hepatocellular Carcinoma TGLS = 2-2A]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Peripheral Nerve		Demyelination	Mild
Spinal Cord		Demyelination	Marked
		Hemangiosarcoma	
* Spleen		Hemangiosarcoma	
		[Hemangiosarcoma TGLS = 1-3A]	

PRIMARY CAUSE OF DEATH - Spinal Cord Hemangiosarcoma
CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 260

TRT#: 2

SEX: Female

DAY ON TEST: 630

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Bone Marrow		Myelofibrosis	Minimal
* Ovary		Cyst	
* Pancreas	Acinus	Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands	Acinus	Atrophy	Moderate
* Spleen	Lymph Follic	Atrophy	Marked
[Atrophy TGLS = 2-3]			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

- Pancreas Acinus Atrophy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 261

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Pigmentation	Minimal
[Pigmentation TGLS = 1-10]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 6-2]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-1]		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 4-1]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 7-7]			
* Thymus			
Note: TGL 5 nodule not seen on micro exam after recut.			
* Uterus		Angiectasis	Mild
[Angiectasis TGLS = 2-4]		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 262

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 741
HISTO: 910607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 3-2]			
[Hepatocellular Adenoma TGLS = 6-2A]			
* Lung			
Note: TGL 4 focus not seen on micro exam after recut.			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 5-7]			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 263

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Myelofibrosis	Moderate
* Kidney		Hyperplasia	Lymphoid, Mild
		Nephropathy	Chronic, Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
			[Hepatocellular Adenoma TGLS = 3-2]
			[Hepatocellular Carcinoma TGLS = 2-2+10]
* Ovary	Periovarn Tiss	Necrosis	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
			[Hyperplasia TGLS = 1-3]
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 264

TRT#: 2

SEX: Female

DAY ON TEST: 455

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-2]		
* Lung		Hemorrhage	Mild
* Nose	Glands	Inflammation	Acute, Minimal
* Uterus		Hyperplasia	Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 265	TRT#: 2	SEX: Female	DAY ON TEST: 741
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Intestine Small, Ileum		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-5A]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-12]			
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	
* Pancreas		Histiocytic Sarcoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 266

TRT#: 2

SEX: Female

DAY ON TEST: 455

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Thyroid Gland	Follicular Cel Follicle	Hyperplasia Hypertrophy	Minimal Minimal
* Uterus		Hyperplasia	Cystic, Glandular, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 267

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 455
HISTO: 910612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain		Mineralization	Minimal
* Gallbladder		Crystals	Mild
		Inflammation	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphocyte, Minimal
[Hepatocellular Adenoma TGLS = 2-2.1]			
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Spleen		Hyperplasia	Lymphoid, Minimal
* Thyroid Gland	Follicle	Hypertrophy	Minimal
* Uterus		Hyperplasia	Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 268

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 3-2]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 5-1]		
* Ovary		Cyst	
	[Cyst TGLS = 1,6-4+4A]		
* Pancreas		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Minimal
	[Angiectasis TGLS = 4-7]		
* Spleen		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 2-3]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 268

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910613

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 269

TRT#: 2

SEX: Female

DAY ON TEST: 455

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-5]			
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	
[Cyst TGLS = 2-4]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 270

TRT#: 2

SEX: Female

DAY ON TEST: 709

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Small, Duodenum

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Nephropathy	Chronic, Minimal
		Pigmentation	Mild
* Liver		Necrosis	Mild
		Vacuolization Cytoplasmic	Moderate
[Necrosis TGLS = 2-2+10]			
[Vacuolization Cytoplasmic TGLS = 2-2+10]			
* Ovary		Hemorrhage	Marked
[Hemorrhage TGLS = 1-4A]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Mineralization	Mild
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

- Ovary Hemorrhage

CONTRIBUTORY CAUSE OF DEATH

- Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 271

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Mild
		[Hepatocellular Adenoma TGLS = 3,5-2C+2D]	
		[Hepatocellular Carcinoma TGLS = 2-2A]	
		[Necrosis TGLS = 4-2B]	
* Nose	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 272

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 3-2A]			
[Mixed Cell Focus TGLS = 3-2A]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Ovary		Carcinoma	
		Cyst	
* Uterus		Dilatation	Moderate
		Hyperplasia	Cystic, Mild
[Dilatation TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 273

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 714
HISTO: 910618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Necrosis	Minimal
		[Hepatocellular Adenoma TGLS = 3-2]	
		[Hepatocellular Carcinoma TGLS = 1-2A]	
* Lung		Hemorrhage	Mild
		[Hemorrhage TGLS = 2-1]	
* Nose	Glands	Inflammation	Acute, Minimal
* Stom Forestom			
Note: TGL 4 foci not seen on micro exam.			
* Stom Gland			
Note: TGL 4 foci not seen on micro exam.			
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 274

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 741
HISTO: 910619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 5-2A]			
* Lymph Node, Mesenteric		Ectasia	Mild
[Ectasia TGLS = 3-5]			
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Hemorrhage	Moderate
[Hemorrhage TGLS = 1-4A]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-3]			
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-6]			
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Angiectasis	Marked
		Hyperplasia	Cystic, Moderate
[Angiectasis TGLS = 2-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 275

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Hyperplasia	Lymphoid, Mild
		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic, Minimal
[Hepatocellular Adenoma TGLS = 1-2A]			
Lymph Node			
Note: TGL = 2-12 for lumbar lymph node. No corresponding lesion found microscopically.			
* Nose	Glands	Inflammation	Acute, Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 276

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 502
HISTO: 910621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Histiocytic Sarcoma	
* Int Lg Cecum			
Note: TGL 3 small cecum normal on micro exam.			
* Kidney	Renal Tubule	Degeneration	Hyaline, Mild
		Histiocytic Sarcoma	
		Nephropathy	Chronic, Minimal
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4,5-2]			
* Lung		Histiocytic Sarcoma	
* Ovary		Histiocytic Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Marked
* Uterus		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:53:59
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 277

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 708
HISTO: 910622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Islets, Pancreatic	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Liver		Lymphoma Malignant	
		Hepatocellular Adenoma	
		Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 2-2A]		
	[Lymphoma Malignant TGLS = 1-2A]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary	Periovarn Tiss	Necrosis	Mild
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Lymphoma Malignant	
* Uterus		Amyloid Deposition	Moderate
		Angiectasis	Mild
		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 278

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 741
HISTO: 910623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]			
* Uterus		Dilatation	Moderate
[Dilatation TGLS = 1-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 279

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,3,4-2+2A]			
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Ovary		Cyst	Moderate
* Pancreas		Inflammation	Chronic, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 280

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	
Note: TGL 3 mass not seen on micro exam after retrim. [Hepatocellular Adenoma TGLS = 2-2]			
* Nose	Glands	Inflammation	Acute, Minimal
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 281

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 684
HISTO: 910626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 6-2]		
	[Hepatocellular Carcinoma TGLS = 5-2A]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Angiectasis	Minimal
* Ovary	Periovarn Tiss	Inflammation	Chronic Active, Marked
	[Inflammation TGLS = 2,3-4+4A]		
Skeletal Muscle		Inflammation	Chronic Active, Mild
	[Inflammation TGLS = 3-4+4A]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Erosion	Minimal
* Uterus		Dilatation	Moderate
	[Dilatation TGLS = 4-4]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Ovary Periovarn Tiss Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 282

TRT#: 2

SEX: Female

DAY ON TEST: 714

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 910627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Esophagus	* Intestine Large, Colon	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Carcinoma	Metastatic (Kidney)
	Capsule	Hyperplasia	Minimal
* Adrenal Medulla		Carcinoma	Metastatic (Kidney)
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Mild
		Inflammation	Acute, Mild
* Heart		Carcinoma	Metastatic (Kidney)
* Intestine Large, Cecum		Carcinoma	Metastatic (Kidney)
* Intestine Large, Rectum		Carcinoma	Metastatic (Kidney)
* Intestine Small, Ileum		Carcinoma	Metastatic (Kidney)
* Intestine Small, Jejunum		Carcinoma	Metastatic (Kidney)
* Kidney	Renal Tubule	Carcinoma	
		[Carcinoma TGLS = 1-3]	
* Liver		Hepatocellular Adenoma	
		[Hepatocellular Adenoma TGLS = 2-2A]	
* Lung		Alveolar/Bronchiolar Carcinoma	
		Carcinoma	Metastatic (Kidney)
		[Alveolar/Bronchiolar Carcinoma TGLS = 3-1]	
		[Carcinoma TGLS = 4-1]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 282	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 714 HISTO: 910627
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ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Ovary		Carcinoma	Metastatic (Kidney)
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus	Mediastinum	Carcinoma	Metastatic (Kidney)
* Uterus		Hyperplasia Inflammation	Cystic, Mild Acute, Mild

PRIMARY CAUSE OF DEATH	- Kidney Renal Tubule Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 283

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Fibrosis	Minimal
	Capsule	Hyperplasia	Mild
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2A]			
* Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-1]			
* Lymph Node, Mesenteric		Angiectasis	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 284	TRT#: 2	SEX: Female	DAY ON TEST: 741
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Congestion	Mild
		Hepatocellular Adenoma	
[Congestion TGLS = 3-2+2B]			
[Hepatocellular Adenoma TGLS = 2-2A+10]			
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 285

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-2A]			
Lymph Node	Iliac	Angiectasis	Moderate
[Angiectasis TGLS = 1-12]			
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	Mild
* Pancreas		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-7.1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 286

TRT#: 2

SEX: Female

DAY ON TEST: 455

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Uterus		Hyperplasia	Cystic, Glandular, Mild

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 287

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 665
HISTO: 910632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Heart
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Clitoral Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-2A]			
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	Mild
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 288	TRT#: 2	SEX: Female	DAY ON TEST: 741
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-2A]			
* Mammary Gland		Galactocele	Mild
* Ovary		Atrophy	Marked
		Infiltration Cellular	Lymphocyte, Moderate
[Atrophy TGLS = 2-4]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Thyroid Gland		Cyst	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 289	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO: 910634
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex		Histiocytic Sarcoma	
	Capsule	Hyperplasia	Mild
* Kidney		Histiocytic Sarcoma	
		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	Moderate
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLS = 8-2]		
	[Hepatocellular Carcinoma TGLS = 7-2A]		
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
Mesentery		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 2-5A+5B]		
* Ovary		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 3-4]		
* Pancreas		Histiocytic Sarcoma	
* Spleen		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 5,9-3+5A]		
* Thymus		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 6-5]		
* Uterus		Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 289

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910634

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 4-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 291	TRT#: 2	SEX: Female	DAY ON TEST: 741
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

MISSING

* Adrenal Cortex	* Adrenal Medulla
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OBSERVATIONS

* Intestine Small, Duodenum [Lymphoma Malignant TGLS = 2-6]		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney [Lymphoma Malignant TGLS = 5-3A]		Lymphoma Malignant	
* Liver [Hepatocellular Adenoma TGLS = 8-2] [Lymphoma Malignant TGLS = 8-2A]		Hepatocellular Adenoma Lymphoma Malignant	
* Lung Lymph Node	Lumbar Mediastinal Renal	Lymphoma Malignant Lymphoma Malignant Lymphoma Malignant Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-5] [Lymphoma Malignant TGLS = 7-13] [Lymphoma Malignant TGLS = 6-12]			
* Lymph Node, Mandibular [Lymphoma Malignant TGLS = 1-5]		Lymphoma Malignant	
* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 4-5]		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 291	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO: 910636
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	
	[Hematopoietic Cell Proliferation TGLS = 3-3]		
	[Lymphoma Malignant TGLS = 3-3]		
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 292	TRT#: 2	SEX: Female	DAY ON TEST: 675
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Lymphoma Malignant	
* Kidney	Renal Tubule	Degeneration	Hyaline, Mild
		Lymphoma Malignant	
		Nephropathy	Chronic, Minimal
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-2]			
Lymph Node	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-5A]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2,3-12+13]			
* Ovary		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4A]			
* Pancreas	Acinus	Atrophy	Mild
		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	Subcut Tiss	Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-5A]			
* Uterus		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 292

TRT#: 2

SEX: Female

DAY ON TEST: 675

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910637

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Mesentery Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 293

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 713
HISTO: 910638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Lymphoma Malignant	
* Heart		Cardiomyopathy	Minimal
		Lymphoma Malignant	
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-2+10]			
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-12]			
[Lymphoma Malignant TGLS = 6-13]			
[Lymphoma Malignant TGLS = 9-5]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-14]			
* Ovary		Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 293	TRT#: 2	SEX: Female	DAY ON TEST: 713
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 910638

ORGAN AND ACCOUNTABLE SITE STATUS

		Lymphoma Malignant	
[Hemorrhage TGLS = 2-4]			
* Pancreas	Duct	Cyst	Minimal
		Lymphoma Malignant	
		Necrosis	Minimal
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4,10-3]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 11-6]			
* Thyroid Gland		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH - Lung Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 294

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Sarcoma	Metastatic (Skin)
[Eosinophilic Focus TGLS = 5-2A]			
Lymph Node	Pancreatic	Sarcoma	Metastatic (Skin)
[Sarcoma TGLS = 1-5]			
* Lymph Node, Mesenteric		Sarcoma	Metastatic (Skin)
[Sarcoma TGLS = 2-5A]			
* Pancreas		Sarcoma	Metastatic (Skin)
Skeletal Muscle		Sarcoma	Metastatic (Skin)
Note: TGL 3 mass is in skin, subcut. rather than skeletal muscle.			
[Sarcoma TGLS = 4-12]			
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 3-13]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 294

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910639

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 295

TRT#: 2

SEX: Female

DAY ON TEST: 455

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Nose	Glands	Inflammation	Acute, Minimal
* Uterus		Hyperplasia	Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 296

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 711
HISTO: 910641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 2-7]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-2A]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 297

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Brain	Thalamus	Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hemangiosarcoma	Multiple
[Hemangiosarcoma TGLS = 4,5-2]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 6-1A]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-7]			
* Thyroid Gland		Cyst	Mild
	Follicular Cel	Hyperplasia	Minimal
* Uterus		Dilatation	Marked
		Hyperplasia	Cystic, Mild

Note: TGL 3 small uterus normal on micro exam.

[Dilatation TGLS = 2-4A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 298

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland	* Lymph Node, Mesenteric
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 4,5,6,7,8,9-2+2A+2B]			
[Hepatocellular Carcinoma TGLS = 8-2A]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 3-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	C Cell	Carcinoma	
	Follicular Cel	Hyperplasia	Mild
* Uterus		Dilatation	Marked
		Hyperplasia	Cystic, Moderate
[Dilatation TGLS = 2-4]			
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 298

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910643

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 299

TRT#: 2

SEX: Female

DAY ON TEST: 455

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Ovary	Periovarn Tiss	Necrosis	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Stomach, Glandular		Cyst	
* Uterus		Hyperplasia	Cystic, Glandular, Mild

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 300

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 741
HISTO: 910645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant	
		[Hepatocellular Adenoma TGLS = 5,6-2+2A]	
* Lung	Bronchiole	Degeneration	Hyaline, Mild
		Infiltration Cellular	Histiocyte, Mild
		Lymphoma Malignant	
Lymph Node	Pancreatic	Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 3-5]	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 2-5]	
* Ovary		Angiectasis	Mild
* Skin	SOA	Acanthosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		[Hematopoietic Cell Proliferation TGLS = 4-3]	
		[Lymphoma Malignant TGLS = 4-3]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 300

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 741
HISTO: 910645

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 301	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO: 910646
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Hyperplasia	Lymphoid, Minimal
[Hepatocellular Adenoma TGLS = 4-2+2A]			
[Hepatocellular Carcinoma TGLS = 2-2A]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-3]			
* Stomach, Forestomach		Hyperplasia	Squamous, Moderate
		Infiltration Cellular	Eosinophil, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 302	TRT#: 2	SEX: Female	DAY ON TEST: 741
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Intestine Small, Duodenum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-6A]			
* Intestine Small, Ileum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-6A]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Hydronephrosis	Mild
[Hydronephrosis TGLS = 9-3]		Nephropathy	Chronic, Mild
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 10-2]		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 10-2A]		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 8-2B]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 1-4]			
* Pancreas		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 302

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 741
HISTO: 910647

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 6,7-3]	Lymphoma Malignant	
* Uterus	Dilatation	Moderate
[Dilatation TGLS = 2-4]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 303

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 721
HISTO: 910648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3,4-2+2A]			
* Mammary Gland			
Note: TGL 1 mass is in subcut skin rather than mammary gland.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-3]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 304

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-2A]			
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 305	TRT#: 2	SEX: Female	DAY ON TEST: 455
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Heart		Cardiomyopathy	Minimal
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	
* Uterus		Hyperplasia	Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 306

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 567
HISTO: 910651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-2]		
	[Hepatocellular Carcinoma TGLS = 1-2A]		
* Lung		Hepatocellular Carcinoma	Metastatic (Lung)
	[Hepatocellular Carcinoma TGLS = 3-1]		
* Nose	Glands	Inflammation	Acute, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Lung Hepatocellular Carcinoma Lung

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 307

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLS = 6-2A]			
[Hepatocellular Adenoma TGLS = 3,4,5-2+2A]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hemorrhage	Moderate
		Hyperplasia	Cystic, Marked
[Hemorrhage TGLS = 2-4A]			
[Hyperplasia TGLS = 1-4+4A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 308	TRT#: 2	SEX: Female	DAY ON TEST: 741
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Nose	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 309

TRT#: 2

SEX: Female

DAY ON TEST: 455

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Lung		Hemorrhage	Mild
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Uterus		Hyperplasia	Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: TGL 1 ENLARGED ADRENAL GLAND NOT SEEN ON MICRO

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 310	TRT#: 2	SEX: Female	DAY ON TEST: 388
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 910655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Heart		Hemangiosarcoma	
* Liver		Angiectasis	Mild
[Angiectasis TGLS = 2-2]			
* Lung		Hemangiosarcoma	Metastatic (Heart)
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Heart Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 311 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 672
DOSE: 0 MG/KG **DISP:** Natural Death **HISTO:** 910656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Urinary Bladder		

MISSING

* Esophagus	* Parathyroid Gland	* Pituitary Gland	* Thyroid Gland
* Trachea			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 2,3-2B+2C]		
	[Hepatocellular Carcinoma TGLS = 1-2A]		
* Nose	Glands	Inflammation	Acute, Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 312	TRT#: 2	SEX: Female	DAY ON TEST: 741
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Cyst	Mild
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 1-3]			
* Liver		Clear Cell Focus	
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 313	TRT#: 2	SEX: Female	DAY ON TEST: 741
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,4-2+2A]			
* Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 3-1]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-4A]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 314	TRT#: 2	SEX: Female	DAY ON TEST: 455
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Ovary		Hemorrhage	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Stomach, Glandular		Inflammation	Subacute, Mild
* Uterus		Hyperplasia	Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 315	TRT#: 2	SEX: Female	DAY ON TEST: 741
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 1-2B]			
[Mixed Cell Focus TGLS = 2-2+2A]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Fibrosis	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 316

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-2]			
* Nose	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 317

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-2A]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Dilatation	Marked
		Hyperplasia	Cystic, Moderate
[Dilatation TGLS = 1-4A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 318	TRT#: 4	SEX: Female	DAY ON TEST: 740
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1-2A]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 319

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3,4-2+2A]			
Lymph Node	Pancreatic	Hemangioma	
[Hemangioma TGLS = 5-5]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Pancreas	Acinus	Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4A]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 320	TRT#: 4	SEX: Female	DAY ON TEST: 740
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-4A]			
* Pancreas	Duct	Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 321

TRT#: 4
DOSE: 3.6 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 740
HISTO: 910726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 4-2B]			
[Hepatocellular Adenoma TGLS = 3-2A]			
[Mixed Cell Focus TGLS = 4-2B]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
[Alveolar/Bronchiolar Adenoma TGLS = 5-1]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4A]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 322

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
* Nose		Exudate	Minimal
	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 323	TRT#: 4	SEX: Female	DAY ON TEST: 490
	DOSE: 3.6 MG/KG	DISP: Natural Death	HISTO: 910728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Nose	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Liver		Hepatocellular Carcinoma	
		Necrosis	Moderate
	[Hepatocellular Carcinoma TGLS = 1-2]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Dilatation	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 324	TRT#: 4	SEX: Female	DAY ON TEST: 593
	DOSE: 3.6 MG/KG	DISP: Natural Death	HISTO: 910729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Heart		Hepatocellular Carcinoma	Metastatic (Liver)
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-2A]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 2-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Hepatocellular Carcinoma	Metastatic (Liver)
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 325

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Nephropathy	Chronic, Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-12]			
* Salivary Glands		Fibrosis	Mild
[Fibrosis TGLS = 1-5]			
* Spleen		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 326

TRT#: 4

SEX: Female

DAY ON TEST: 455

DOSE: 3.6 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]			
* Uterus		Hyperplasia	Cystic, Glandular, Moderate
[Hyperplasia TGLS = 1,3-4.01]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 327 TRT#: 4 SEX: Female DAY ON TEST: 740
DOSE: 3.6 MG/KG DISP: Terminal Sacrifice HISTO: 910732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 1-2A]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Nose	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland		Cyst	Minimal
	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 328	TRT#: 4	SEX: Female	DAY ON TEST: 455
	DOSE: 3.6 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Mild
* Liver		Hyperplasia	Mild
* Nose	Glands	Inflammation	Acute, Minimal
* Stomach, Glandular		Cyst	
* Uterus		Hyperplasia	Cystic, Glandular, Moderate

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 329

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2,3,4-2+2A+2B]		
* Nose		Foreign Body	
		Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
* Uterus		Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 1-4A]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 330	TRT#: 4	SEX: Female	DAY ON TEST: 740
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hyperplasia	Lymphoid, Minimal
[Eosinophilic Focus TGLS = 5-2A]			
[Hepatocellular Adenoma TGLS = 2,3-2+2A]			
* Lym Node Mand			
Note: TGL 4 enlarged mandibular lymph node not seen on micro exam after recut.			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Marked
* Nose		Exudate	Mild
	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 331	TRT#: 4	SEX: Female	DAY ON TEST: 740
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Pituitary Gland	* Salivary Glands
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 6-2B]			
[Hepatocellular Carcinoma TGLS = 4-2A]			
* Lung		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Skin	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 5-12]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 3-3]			
[Lymphoma Malignant TGLS = 3-3]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 331

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910736

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 332

TRT#: 4

SEX: Female

DAY ON TEST: 455

DOSE: 3.6 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Moderate
[Eosinophilic Focus TGLS = 1-2.01]			
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	
* Uterus		Hyperplasia	Cystic, Glandular, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 333

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2-2]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 334

TRT#: 4

SEX: Female

DAY ON TEST: 684

DOSE: 3.6 MG/KG

DISP: Moribund Sacrifice

HISTO: 910739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: TGL 6 paleness not seen on micro exam.			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
Note: TGL 5 paleness not seen on micro exam.			
* Liver		Necrosis	Mild
		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 4-2]			
* Lymph Node, Mesenteric		Hemangioma	
Mesentery		Hemangioma	
	Fat	Necrosis	Moderate
[Hemangioma TGLS = 3-12]			
[Necrosis TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skeletal Muscle		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-13]			
* Skin	Subcut Tiss	Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Skeletal Muscle Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 334

TRT#: 4

SEX: Female

DAY ON TEST: 684

DOSE: 3.6 MG/KG

DISP: Moribund Sacrifice

HISTO: 910739

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 335	TRT#: 4	SEX: Female	DAY ON TEST: 740
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2A]			
* Nose	Glands	Inflammation	Acute, Minimal
* Skin	SOA	Acanthosis	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 336

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Lymphoma Malignant	
		Myelofibrosis	Mild
* Kidney		Lymphoma Malignant	
		Nephropathy	Chronic, Minimal
[Lymphoma Malignant TGLS = 3-3]			
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Lymphoma Malignant	
[Hepatocellular Adenoma TGLS = 2-2]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3]			
* Thymus		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 337

TRT#: 4

SEX: Female

DAY ON TEST: 659

DOSE: 3.6 MG/KG

DISP: Moribund Sacrifice

HISTO: 910742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
* Skin	SOA, Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 1-11+11A]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- Skin SOA Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 338

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 3-2B.1]			
[Hepatocellular Adenoma TGLS = 1-2A]			
* Nose	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 339

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Liver		Eosinophilic Focus	
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 3-2A]			
Mesentery	Fat	Necrosis	Mild
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 1-4]			
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
[Hyperplasia TGLS = 2-6A]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 340

TRT#: 4

SEX: Female

DAY ON TEST: 741

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-3]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 341

TRT#: 4

SEX: Female

DAY ON TEST: 741

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3]			
* Stomach, Forestomach		Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Moderate
		Lymphoma Malignant	
[Hyperplasia TGLS = 2-4A]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 342

TRT#: 4

SEX: Female

DAY ON TEST: 455

DOSE: 3.6 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Lung		Hyperplasia	Lymphoid, Mild
* Nose	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Thyroid Gland		Inflammation	Chronic, Minimal
* Uterus		Hyperplasia	Cystic, Glandular, Mild

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 343

TRT#: 4

SEX: Female

DAY ON TEST: 741

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-2A]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Skin	SOA	Hyperplasia	Mast Cell, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Polyp Stromal TGLS = 1-4A]		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 345	TRT#: 4	SEX: Female	DAY ON TEST: 741
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6A]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 5-2A]			
[Hepatocellular Adenoma TGLS = 4-2A]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas	Duct	Cyst	Marked
Note: TGL 3 is in pancreas rather than mesentery on micro exam.			
[Cyst TGLS = 3-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-3A]			
* Stomach, Glandular		Mineralization	Mild
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 346

TRT#: 4

SEX: Female

DAY ON TEST: 448

DOSE: 3.6 MG/KG

DISP: Moribund Sacrifice

HISTO: 910751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-2A]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Mineralization	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 347

TRT#: 4

SEX: Female

DAY ON TEST: 455

DOSE: 3.6 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Uterus		Hyperplasia	Cystic, Glandular, Moderate

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 348

TRT#: 4

SEX: Female

DAY ON TEST: 741

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Uterus		

MISSING

* Adrenal Cortex	* Adrenal Medulla
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OBSERVATIONS

* Adren Cortex			
Note: TGL 9 mass is in renal lymph node rather than adrenal gland.			
* Brain	Thalamus	Mineralization	Minimal
* Intestine Small, Duodenum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-6A]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-3A]			
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant	
[Hemangiosarcoma TGLS = 14-2]			
[Hepatocellular Adenoma TGLS = 13,17-2A]			
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9,11-7+14]			
[Lymphoma Malignant TGLS = 12-15]			
[Lymphoma Malignant TGLS = 8-5]			
[Lymphoma Malignant TGLS = 2,3-3+12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 348	TRT#: 4	SEX: Female	DAY ON TEST: 741
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910753

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular [Lymphoma Malignant TGLS = 1-5]		Lymphoma Malignant	
* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 16-5A]		Lymphoma Malignant	
* Mammary GI Note: TGL 4 mass is in skin, subcut. rather than mammary gland. Note: TGLs 2 & 3 lesions are in inguinal lymph nodes rather than mammary gland.			
* Nose	Glands	Inflammation Lymphoma Malignant	Acute, Minimal
* Ovary		Angiectasis Cyst Lymphoma Malignant	Moderate Marked
[Cyst TGLS = 5-4]			
* Pancreas		Lymphoma Malignant	
* Salivary Glands	Acinus	Atrophy Lymphoma Malignant	Moderate
* Skin [Sarcoma TGLS = 4-13]		Sarcoma	
* Spleen [Lymphoma Malignant TGLS = 7-3]		Lymphoma Malignant	
* Thymus [Lymphoma Malignant TGLS = 15-5]		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 349

TRT#: 4

SEX: Female

DAY ON TEST: 455

DOSE: 3.6 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Nose	Glands	Inflammation	Acute, Minimal
* Uterus		Hyperplasia	Cystic, Glandular, Moderate

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 350	TRT#: 4	SEX: Female	DAY ON TEST: 741
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Mammary Gland	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLS = 5,6-2.1]			
[Hepatocellular Adenoma TGLS = 3-2]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Nose	Glands	Inflammation	Acute, Minimal
* Pancreas		Hyperplasia	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 4-7]			
* Spleen		Hyperplasia	Lymphoid, Mild
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Moderate
		Polyp Stromal	
[Hyperplasia TGLS = 2-4]			
[Polyp Stromal TGLS = 2-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 350

TRT#: 4

SEX: Female

DAY ON TEST: 741

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910755

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 351	TRT#: 4	SEX: Female	DAY ON TEST: 741
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 1-1A]			
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Angiectasis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 352	TRT#: 4	SEX: Female	DAY ON TEST: 740
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	Marked
		Hepatocellular Carcinoma	
[Clear Cell Focus TGLS = 4-2B]			
[Eosinophilic Focus TGLS = 4-2B]			
[Hepatocellular Carcinoma TGLS = 3-2A]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Thecoma Malignant	
[Thecoma Malignant TGLS = 2-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-3]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 353

TRT#: 4

SEX: Female

DAY ON TEST: 724

DOSE: 3.6 MG/KG

DISP: Moribund Sacrifice

HISTO: 910758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Carcinoma	Metastatic (Pituitary Gland)
	Thalamus	Mineralization	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2,4-2A+10]		
* Pituitary Gland	Pars Distalis	Carcinoma	
	[Carcinoma TGLS = 3-7]		
* Uterus		Dilatation	Mild
	[Dilatation TGLS = 1-4A]		

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 354

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910759

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 3-1]			
* Ovary		Granulosa Cell Tumor Benign	
[Granulosa Cell Tumor Benign TGLS = 4-4B]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4A]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 356

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-2A]			
* Stomach, Glandular		Mineralization	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 357 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 740
DOSE: 3.6 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 910762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 4-2A]			
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Moderate
Mesentery	Fat	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 3-12]			
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4A]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 358	TRT#: 4	SEX: Female	DAY ON TEST: 740
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Bone Marrow		Myelofibrosis	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3A]			
* Liver		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant	
* Stomach, Glandular		Mineralization	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 359	TRT#: 4	SEX: Female	DAY ON TEST: 455
	DOSE: 3.6 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Accessory Adrenal Cortical Nodule	
	Capsule	Hyperplasia	Mild
* Uterus		Dilatation	Mild
		Hyperplasia	Cystic, Glandular, Minimal

[Dilatation TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 360

TRT#: 4

SEX: Female

DAY ON TEST: 740

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hypertrophy	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,3-2A]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 361	TRT#: 4	SEX: Female	DAY ON TEST: 740
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-12]			
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Inflammation	Chronic, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 362

TRT#: 4

SEX: Female

DAY ON TEST: 455

DOSE: 3.6 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Accessory Adrenal Cortical Nodule	
	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Mineralization	Minimal
* Ovary		Cyst	
		Cystadenoma	
[Cystadenoma TGLS = 1-4]			
* Uterus		Hyperplasia	Cystic, Glandular, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 363 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 581
DOSE: 3.6 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 910768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Inflammation	Acute, Mild
		Necrosis	Moderate
		Pigmentation	Mild
* Liver	Centrilobular	Necrosis	Mild
		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 2-2]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Hemorrhage	Marked
	[Hemorrhage TGLS = 1-4A]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Erosion	Minimal
	[Erosion TGLS = 3-6]		
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH - Ovary Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 364

TRT#: 4

SEX: Female

DAY ON TEST: 741

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 5-2]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 3,4-1A]			
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-3]			
* Ovary	Periovarn Tiss	Necrosis	Minimal
* Skin			
Note: TGL 1 mass is in mammary gland rather than skin on micro exam.			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 365	TRT#: 4	SEX: Female	DAY ON TEST: 698
	DOSE: 3.6 MG/KG	DISP: Moribund Sacrifice	HISTO: 910770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 366	TRT#: 4	SEX: Female	DAY ON TEST: 455
	DOSE: 3.6 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
	[Pheochromocytoma Benign TGLS = 1-7]		
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	[Hepatocellular Adenoma TGLS = 2-2.01]	Hepatocellular Adenoma	
* Nose	Glands	Inflammation	Acute, Minimal
* Uterus		Hyperplasia	Cystic, Glandular, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 367	TRT#: 4	SEX: Female	DAY ON TEST: 741
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLS = 1-2]			
[Hepatocellular Adenoma TGLS = 1-2+2A]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hemangiosarcoma	
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
[Hyperplasia TGLS = 2-6A]			
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 368

TRT#: 4

SEX: Female

DAY ON TEST: 741

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2-2+2A]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 369	TRT#: 4	SEX: Female	DAY ON TEST: 741
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Ovary

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 3,4-2+2A]	
		[Hepatocellular Carcinoma TGLS = 1-2A+10]	
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
		[Hepatocellular Carcinoma TGLS = 2-1]	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 370	TRT#: 4	SEX: Female	DAY ON TEST: 741
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant	
	[Hepatocellular Carcinoma TGLS = 4-2A]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-5A]		
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-3]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 371

TRT#: 4

SEX: Female

DAY ON TEST: 741

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-2.1]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 2-1]			
* Ovary		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 372	TRT#: 4	SEX: Female	DAY ON TEST: 741
	DOSE: 3.6 MG/KG	DISP: Terminal Sacrifice	HISTO: 910777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Intestine Small, Duodenum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	
[Lymphoma Malignant TGLS = 4-2]		Lymphoma Malignant	
* Lung		Hemorrhage	Minimal
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-12]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-3]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Moderate
		Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 373 TRT#: 4 SEX: Female DAY ON TEST: 560
DOSE: 3.6 MG/KG DISP: Moribund Sacrifice HISTO: 910778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Intestine Small, Duodenum [Polyp Adenomatous TGLS = 2-6A]		Polyp Adenomatous	
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver	Centrilobular	Necrosis	Minimal
		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 1-2]			
* Pancreas	Acinus	Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Intestine Small, Duodenum Polyp Adenomatous

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 374

TRT#: 4

SEX: Female

DAY ON TEST: 455

DOSE: 3.6 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Glandular, Mild
		Polyp Stromal	

[Polyp Stromal TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 375

TRT#: 4

SEX: Female

DAY ON TEST: 741

DOSE: 3.6 MG/KG

DISP: Terminal Sacrifice

HISTO: 910780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-1]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 376

TRT#: 6

SEX: Female

DAY ON TEST: 455

DOSE: 6.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-12]			
* Uterus		Hyperplasia	Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 377

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-2+2A]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Ovary		Cyst	Mild
		Hemorrhage	Mild
[Hemorrhage TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 378	TRT#: 6	SEX: Female	DAY ON TEST: 740
	DOSE: 6.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Brain		Infiltration Cellular	Lymphocyte, Minimal
	Thalamus	Mineralization	Minimal
* Clitoral Gland		Pigmentation	Mild
[Pigmentation TGLS = 1-10]			
* Gallbladder		Hyperplasia	Lymphoid, Minimal
* Kidney		Cyst	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-2]		Hyperplasia	Lymphoid, Minimal
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cystadenoma	
* Spleen		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-3]			
* Thyroid Gland		Fibrosis	Moderate
	Follicular Cel	Hyperplasia	Mild
[Fibrosis TGLS = 4-6]			
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus		Angiectasis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 379	TRT#: 6	SEX: Female	DAY ON TEST: 740
	DOSE: 6.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2A]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 380

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 2-1A]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 381	TRT#: 6	SEX: Female	DAY ON TEST: 740
	DOSE: 6.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Pigmentation	Mild
[Pigmentation TGLS = 1-10]			
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	
[Hepatocellular Carcinoma TGLS = 3-2A]		Hepatocellular Carcinoma	
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 382

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910787

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 383

TRT#: 6

SEX: Female

DAY ON TEST: 394

DOSE: 6.0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
Ear	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Hydrocephalus	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Nose	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLS = 3-7]			
* Stomach, Glandular		Mineralization	Minimal

PRIMARY CAUSE OF DEATH

- Brain Hydrocephalus

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 384

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Lymphoma Malignant Lymphoma Malignant	Mild
* Intestine Small, Jejunum [Lymphoma Malignant TGLS = 1-6+6A]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Clear Cell Focus Eosinophilic Focus	
Note: TGL 4 focus not seen on micro exam after recut. [Clear Cell Focus TGLS = 3-2A] [Eosinophilic Focus TGLS = 3-2A]			
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant	
* Thymus		Thymoma Malignant	
Note: TGL 2 enlargement is in thymus rather than in mediastinal lymph node on micro exam. [Thymoma Malignant TGLS = 2-5A]			
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 385

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Lymphoma Malignant	
Note: TGL 7 nodule caused by lobular deformity and is normal on micro exam.			
			[Eosinophilic Focus TGLS = 8-2]
Lymph Node	Iliac	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
			[Lymphoma Malignant TGLS = 3-12]
			[Lymphoma Malignant TGLS = 4-12]
			[Lymphoma Malignant TGLS = 5-13]
* Lymph Node, Mesenteric		Lymphoma Malignant	
			[Lymphoma Malignant TGLS = 1-14]
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant	
			[Lymphoma Malignant TGLS = 2-3]
* Thymus		Lymphoma Malignant	
			[Lymphoma Malignant TGLS = 6-5A]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 385

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910790

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

* Uterus

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 386

TRT#: 6

SEX: Female

DAY ON TEST: 628

DOSE: 6.0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic, Mild
[Hepatocellular Adenoma TGLS = 2,4-2]			
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 1-4.1]			
Peripheral Nerve		Demyelination	Moderate
Spinal Cord		Demyelination	Moderate
* Spleen		Angiectasis	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

- Spinal Cord Demyelination

CONTRIBUTORY CAUSE OF DEATH

- Peripheral Nerve Demyelination

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 387

TRT#: 6

SEX: Female

DAY ON TEST: 726

DOSE: 6.0 MG/KG

DISP: Natural Death

HISTO: 910792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Thymus

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 6-12]			
* Intestine Large, Colon		Lymphoma Malignant	
* Intestine Small, Duodenum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6A]			
* Kidney	Renal Tubule	Necrosis	Mild
		Nephropathy	Chronic, Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 8,9-2A+2B]			
Lymph Node	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-13]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-5]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5A]			
* Nose	Glands	Inflammation	Acute, Minimal
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 387

TRT#: 6

SEX: Female

DAY ON TEST: 726

DOSE: 6.0 MG/KG

DISP: Natural Death

HISTO: 910792

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Lymphoma Malignant

[Lymphoma Malignant TGLS = 2-3]

PRIMARY CAUSE OF DEATH

- Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 388

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	Multiple
Note: TGL 3 foci not seen on micro exam after recut. [Hepatocellular Adenoma TGLS = 2-2]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Nose	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 389

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-7]			
* Skin	Subcut Tiss	Congestion	Mild
Note: TGL 2 nodule is in skin rather than mammary gland on micro exam.			
[Congestion TGLS = 2-3]			
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 390	TRT#: 6	SEX: Female	DAY ON TEST: 740
	DOSE: 6.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Intestine Small, Ileum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6A]			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4,5-2A+2B]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-5]			
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 391 TRT#: 6 SEX: Female DAY ON TEST: 490
DOSE: 6.0 MG/KG DISP: Natural Death HISTO: 910796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Heart		Lymphoma Malignant	
		Mineralization	Minimal
* Kidney		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Nose	Glands	Inflammation	Acute, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-5A]		
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 392

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Gallbladder		Inflammation	Chronic, Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 2-2]			
[Mixed Cell Focus TGLS = 4-2A]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 393

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2-2A+2B]			
* Spleen		Lymphoma Malignant	
* Uterus		Angiectasis	Mild
		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 394	TRT#: 6	SEX: Female	DAY ON TEST: 740
	DOSE: 6.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Nose	Glands	Inflammation	Acute, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 395

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 2-2A]			
[Hepatocellular Adenoma TGLS = 3-2B]			
* Uterus		Dilatation	Marked
		Hyperplasia	Cystic, Moderate
[Dilatation TGLS = 1-4A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 396 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 740
DOSE: 6.0 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 910801

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 5-2A]			
* Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-12]			
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-3]			
* Uterus		Hyperplasia	Cystic, Marked
Note: TGL 3 nodule is in mesentery rather than uterus.			
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 397

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 2-2A]			
[Hepatocellular Adenoma TGLS = 3-2]			
* Nose	Glands	Inflammation	Acute, Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 398

TRT#: 6

SEX: Female

DAY ON TEST: 717

DOSE: 6.0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2,3-2+2A]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Erosion	Mild
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 4-4]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 399	TRT#: 6	SEX: Female	DAY ON TEST: 740
	DOSE: 6.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 5-2+2A]			
[Hepatocellular Adenoma TGLS = 4-2A]			
* Mammary Gland			
Note: TGL 1 mass is in skin, subcut. rather than mammary gland.			
Mesentery		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 1-3]			
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 400 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 737
DOSE: 6.0 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 910805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal
[Hyperplasia TGLS = 1-6A]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 401

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Adenoma	
		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2A]			
* Pituitary Gland	Rathkes Cleft	Hemorrhage	Minimal
[Hemorrhage TGLS = 3-7]			
* Skin		Acanthosis	Minimal
	SOA, Subcut Tiss	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-11]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 402	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 6.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-12]			
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 403

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Angiectasis	Mild
		Lymphoma Malignant	
[Angiectasis TGLS = 4,5-2+2A+2B]			
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-4B]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
[Angiectasis TGLS = 6-7]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-3]			
* Uterus		Hemorrhage	Moderate
		Hyperplasia	Cystic, Marked
[Hemorrhage TGLS = 2-4A]			
[Hyperplasia TGLS = 2-4+4A]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 404

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Medulla

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-4A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 405

TRT#: 6

SEX: Female

DAY ON TEST: 455

DOSE: 6.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Lung		Hemorrhage	Minimal
* Uterus		Hyperplasia	Cystic, Glandular, Moderate

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 406

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2A]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Glands	Inflammation	Acute, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-4A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 407

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Angiectasis	Mild
		Mixed Cell Focus	
[Angiectasis TGLS = 1-2A]			
* Pancreas	Acinus	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 408	TRT#: 6	SEX: Female	DAY ON TEST: 28
	DOSE: 6.0 MG/KG	DISP: Accidentally Killed	HISTO: 910813

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland	* Pituitary Gland	* Thyroid Gland	* Trachea
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AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
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PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 409

TRT#: 6

SEX: Female

DAY ON TEST: 455

DOSE: 6.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910814

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Stomach, Forestomach		Cyst	
* Uterus		Hyperplasia	Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 410

TRT#: 6

SEX: Female

DAY ON TEST: 740

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-2A]			
* Nose	Glands	Inflammation	Acute, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 411

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 4-12]			
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2-2+2A]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Carcinoma	Metastatic (Harderian Gland)
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 3-1]			
[Carcinoma TGLS = 3-1]			
* Nose		Exudate	Mild
	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 412	TRT#: 6	SEX: Female	DAY ON TEST: 736
	DOSE: 6.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Clitoral GI			
Note: TGL 1 focus not seen on micro exam.			
Note: TGL 1 dark focus not seen on micro exam after recut.			
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-12]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
[Hepatocellular Adenoma TGLS = 6-2A]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5A]			
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 4-3]			
[Lymphoma Malignant TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 412

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910817

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 2-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 413

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 4-12]			
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 5-2+2A]			
[Hepatocellular Adenoma TGLS = 5-2A]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 414

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	Minimal
		Hemangioma	
[Hemangioma TGLS = 1-4]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 415

TRT#: 6

SEX: Female

DAY ON TEST: 504

DOSE: 6.0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 416

TRT#: 6

SEX: Female

DAY ON TEST: 455

DOSE: 6.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Infarct	Mild
		Inflammation	Chronic, Mild
	Cortex	Mineralization	Minimal
* Ovary		Cyst	
* Uterus		Hyperplasia	Cystic, Glandular, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 417

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLS = 3-2]			
[Hepatocellular Adenoma TGLS = 2,4-2+2A]			
* Lung		Hemorrhage	Mild
[Hemorrhage TGLS = 5-1]			
* Nose	Glands	Inflammation	Acute, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 418

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Angiectasis	Minimal
		Clear Cell Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1,2-2A+2B]			
* Nose	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 419	TRT#: 6	SEX: Female	DAY ON TEST: 455
	DOSE: 6.0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Metaplasia	Osseous, Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2.01]			
* Nose	Glands	Inflammation	Acute, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hyperplasia	Cystic, Glandular, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 420	TRT#: 6	SEX: Female	DAY ON TEST: 736
	DOSE: 6.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-2]			
* Ovary	Periovarn Tiss	Necrosis	Mild
[Necrosis TGLS = 4-4B]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 421	TRT#: 6	SEX: Female	DAY ON TEST: 455
	DOSE: 6.0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Hemorrhage	Minimal
* Ovary		Cyst	
[Cyst TGLS = 1-4]			
* Thyroid Gland	Follicle	Hypertrophy	Minimal
* Uterus		Hyperplasia	Cystic, Glandular, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 422

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 6.0 MG/KG

DISP: Natural Death

HISTO: 910827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Clitoral Gland

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2A]			
* Lung		Infiltration Cellular	Histiocyte, Mild
	Serosa	Inflammation	Chronic, Moderate
* Nose	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

- Lung Serosa Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 423

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Intestine Small, Jejunum		Amyloid Deposition	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-2A]			
* Nose	Glands	Inflammation	Acute, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 424	TRT#: 6	SEX: Female	DAY ON TEST: 455
	DOSE: 6.0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-2.01]			
* Lung		Hemorrhage	Minimal
Mesentery		Inflammation	Chronic Active, Moderate
[Necrosis TGLS = 1,2-12+13]	Fat	Necrosis	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hyperplasia	Cystic, Glandular, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 425

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 4-2]			
[Hepatocellular Carcinoma TGLS = 3-3]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin	Subcut Tiss	Inflammation	Chronic, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4A]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 426

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Adrenal Medulla

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Note: Adrenal gland present in kidney mass, Slide 3A. Cortical necrosis uncoded because secondary to neoplasm.			
* Brain	Thalamus	Mineralization	Minimal
* Intestine Large, Colon		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-6A]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-3A]			
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 6-2A]			
[Hepatocellular Adenoma TGLS = 5,7,8-2+2B]			
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 11-5]			
[Lymphoma Malignant TGLS = 10-12]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 426	TRT#: 6	SEX: Female	DAY ON TEST: 736
	DOSE: 6.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910831

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas [Lymphoma Malignant TGLS = 3-5]		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen [Lymphoma Malignant TGLS = 2-3]		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 427

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]			
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-3]			
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 428

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-4A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 429

TRT#: 6

SEX: Female

DAY ON TEST: 709

DOSE: 6.0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone	Vertebra	Hemangiosarcoma	
* Bone Marrow		Hemangiosarcoma	
* Brain	Thalamus	Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-1]			
Peripheral Nerve		Demyelination	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-14]			
Spinal Cord		Demyelination	Moderate
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- Bone Vertebra Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 430

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 5,6-2+2A]			
* Lung	Mediastinum	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 4-1]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-4]			
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:00
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 431	TRT#: 6	SEX: Female	DAY ON TEST: 446
	DOSE: 6.0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Rectum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

MISSING

* Intestine Small, Duodenum	* Ovary
-----------------------------	---------

OBSERVATIONS

* Adrenal Cortex	Capsule Capsule	Hepatocellular Carcinoma Hyperplasia	Metastatic (Liver) Mild
* Gallbladder		Hepatocellular Carcinoma	Metastatic (Liver)
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Congestion	Mild
* Intestine Large, Colon		Hepatocellular Carcinoma Congestion	Metastatic (Liver) Moderate
* Intestine Small, Ileum		Hepatocellular Carcinoma Congestion	Metastatic (Liver) Mild
* Intestine Small, Jejunum		Hepatocellular Carcinoma Congestion	Metastatic (Liver) Mild
* Kidney		Hepatocellular Carcinoma	Metastatic (Liver)
* Liver		Nephropathy Hepatocellular Carcinoma	Chronic, Mild
[Hepatocellular Carcinoma TGLS = 5-2A]			
* Lung		Hemorrhage Hepatocellular Carcinoma	Marked Metastatic (Liver)
* Lymph Node, Mesenteric		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 2-5]			
Mesentery		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 1,4-12+13]			
* Nose		Hemorrhage	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 431	TRT#: 6	SEX: Female	DAY ON TEST: 446
	DOSE: 6.0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910836

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas [Hepatocellular Carcinoma TGLS = 6-5]		Hepatocellular Carcinoma	Metastatic (Liver)
* Salivary Glands Skeletal Muscle [Hepatocellular Carcinoma TGLS = 3-14]	Acinus	Atrophy Hepatocellular Carcinoma	Moderate Metastatic (Liver)
* Stomach, Glandular		Inflammation	Acute, Minimal
* Thymus		Hepatocellular Carcinoma	Metastatic (Liver)
* Urinary Bladder		Hepatocellular Carcinoma	Metastatic (Liver)
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 432	TRT#: 6	SEX: Female	DAY ON TEST: 455
	DOSE: 6.0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Glandular, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 433

TRT#: 6

SEX: Female

DAY ON TEST: 694

DOSE: 6.0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Mammary Gland
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Lymphoma Malignant	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus Lymphoma Malignant	
[Eosinophilic Focus TGLS = 3-2A]			
Lymph Node	Lumbar	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-12]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Angiectasis Hemorrhage	Mild Mild
[Angiectasis TGLS = 4-4]			
[Hemorrhage TGLS = 4-4]			
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-5A]			
* Uterus		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 433

TRT#: 6

SEX: Female

DAY ON TEST: 694

DOSE: 6.0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910838

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Lymph Node Lumbar Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 434

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 6.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6,11-3]			
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3,4,5-2+2A+2B+10]			
* Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9,10-1]			
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-5]			
[Lymphoma Malignant TGLS = 7-12]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 434	TRT#: 6	SEX: Female	DAY ON TEST: 736
	DOSE: 6.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910839

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Hyperplasia	Squamous, Minimal
* Thymus	Lymphoma Malignant	
* Thyroid Gland	Cyst	Minimal
* Urinary Bladder	Lymphoma Malignant	
* Uterus	Lymphoma Malignant	
	Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 435

TRT#: 6

SEX: Female

DAY ON TEST: 455

DOSE: 6.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910840

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Nose	Glands	Inflammation	Acute, Minimal
* Stomach, Glandular		Mineralization	Minimal
* Thyroid Gland	Follicle	Hypertrophy	Minimal
* Uterus		Hyperplasia	Cystic, Glandular, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 436	TRT#: 8	SEX: Female	DAY ON TEST: 455
	DOSE: 10.0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Lung		Hemorrhage	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Nose	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 437

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-2A.1]			
* Nose	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
[Angiectasis TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			
* Spleen		Hyperplasia	Lymphoid, Moderate
		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 438

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2-2+2A+2B]			
* Nose	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 439

TRT#: 8

SEX: Female

DAY ON TEST: 455

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Lung		Hemorrhage	Mild
* Nose	Glands	Inflammation	Acute, Minimal
* Uterus		Hyperplasia	Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 440

TRT#: 8

SEX: Female

DAY ON TEST: 455

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Nose	Glands	Inflammation	Acute, Minimal
* Uterus		Hyperplasia	Cystic, Glandular, Mild

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 441	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Angiectasis	Minimal
		Clear Cell Focus	
		Hepatocellular Carcinoma	
[Angiectasis TGLS = 5-2B]			
[Clear Cell Focus TGLS = 4-2]			
[Hepatocellular Carcinoma TGLS = 3-2+2A]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-4A]			
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Dilatation	Moderate
		Hyperplasia	Cystic, Mild
[Dilatation TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 442

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-2A]			
* Ovary		Cyst	Mild
[Cyst TGLS = 1-4A]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 443

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 3-2A]			
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-3]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4A]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 444

TRT#: 8

SEX: Female

DAY ON TEST: 455

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Ovary		Cyst	
* Uterus		Hyperplasia	Cystic, Glandular, Moderate

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 445

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 4-2+2B]			
[Hepatocellular Adenoma TGLS = 5-2C]			
[Hepatocellular Carcinoma TGLS = 1-2A]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Angiectasis	Minimal
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-3]			
* Stomach, Glandular	Glands	Cyst	Minimal
[Cyst TGLS = 3-6A]			
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 446	TRT#: 8	SEX: Female	DAY ON TEST: 638
	DOSE: 10.0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 3-12]			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
[Hematopoietic Cell Proliferation TGLS = 4-2]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
* Lymph Node, Mandibular		Carcinoma	Metastatic (Harderian Gland)
[Carcinoma TGLS = 1-5]			
* Lymph Node, Mesenteric		Angiectasis	Minimal
[Angiectasis TGLS = 5-5]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Saliv Glands			
Note: TGL 1 mass is in mandibular lymph node instead of salivary gland on micro exam.			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Uterus		Hemorrhage	Mild
		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 447

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	Moderate
[Clear Cell Focus TGLS = 1-2A]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 448

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Mixed Cell Focus	
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hemorrhage	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 2,3-1]	Hyperplasia	Minimal
* Skin	SOA	Keratoacanthoma	
	[Keratoacanthoma TGLS = 1-11]		
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 449

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-2A]			
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Minimal
[Angiectasis TGLS = 1-7]			
* Spleen		Hyperplasia	Lymphoid, Moderate
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 450	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Myelofibrosis	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Ovary		Hemorrhage	Moderate
[Hemorrhage TGLS = 1-4A]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 451

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-4]			
* Uterus		Dilatation	Marked
[Dilatation TGLS = 2-4A]		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 452

TRT#: 8

SEX: Female

DAY ON TEST: 455

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Glandular, Moderate

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 453

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis	Mild
		Nephropathy	Chronic, Moderate
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-2A]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 454

TRT#: 8

SEX: Female

DAY ON TEST: 455

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Pituitary Gland
--------------------------	-------------------

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2.1]			
* Ovary		Cyst	
* Pancreas		Inflammation	Chronic, Minimal
* Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 456

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Stomach, Glandular		Inflammation	Chronic, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 457	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-2.1]			
* Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-1.1]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-6A]			
* Stomach, Glandular		Mineralization	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Dilatation	Marked
[Dilatation TGLS = 1-4A]		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 458

TRT#: 8

SEX: Female

DAY ON TEST: 455

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Brain		Mineralization	Minimal
* Heart		Cardiomyopathy	Minimal
* Thyroid Gland	Follicle	Hypertrophy	Minimal
* Uterus		Hyperplasia	Cystic, Glandular, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 459	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-2A]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-3]			
* Thyroid Gland	Follicle	Hypertrophy	Moderate
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 460

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Nose	Glands	Inflammation	Acute, Minimal
* Parathyroid Gland		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Stomach, Forestomach		Hyperplasia	Squamous, Moderate
[Hyperplasia TGLS = 1-6]			
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 461

TRT#: 8

SEX: Female

DAY ON TEST: 718

DOSE: 10.0 MG/KG

DISP: Natural Death

HISTO: 910686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Histiocytic Sarcoma	
	Capsule	Hyperplasia	Mild
* Adrenal Medulla		Histiocytic Sarcoma	
* Bone Marrow		Histiocytic Sarcoma	
* Brain	Thalamus	Mineralization	Minimal
* Heart		Histiocytic Sarcoma	
* Kidney	Renal Tubule	Degeneration	Hyaline, Moderate
		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-3]			
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 6,7-2]			
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Nose		Histiocytic Sarcoma	
* Ovary		Cyst	Moderate
		Histiocytic Sarcoma	
[Cyst TGLS = 2-4]			
[Histiocytic Sarcoma TGLS = 2-4]			
* Pancreas		Histiocytic Sarcoma	
* Salivary Glands	Acinus	Atrophy	Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
		Histiocytic Sarcoma	
[Hematopoietic Cell Proliferation TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 461	TRT#: 8	SEX: Female	DAY ON TEST: 718
	DOSE: 10.0 MG/KG	DISP: Natural Death	HISTO: 910686

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Cyst	Minimal
		Histiocytic Sarcoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Histiocytic Sarcoma	
		Hyperplasia	Cystic, Moderate

[Histiocytic Sarcoma TGLS = 3-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 463

TRT#: 8

SEX: Female

DAY ON TEST: 455

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Hemorrhage	Mild
* Uterus		Hyperplasia	Cystic, Glandular, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 464

TRT#: 8

SEX: Female

DAY ON TEST: 455

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain		Mineralization	Minimal
* Kidney		Nephropathy	Minimal
* Uterus		Hyperplasia	Cystic, Glandular, Mild

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 465

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLS = 2-2A]			
[Hepatocellular Adenoma TGLS = 2-2+2A]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-12]			
* Nose		Angiectasis	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 466

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Clitoral Gland		Inflammation	Chronic Active, Moderate
* Liver		Mixed Cell Focus	
* Stomach, Glandular		Mineralization	Minimal
* Thymus		Cyst	Minimal
* Uterus		Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 467	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lung	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Lymphoma Malignant	
		[Hepatocellular Adenoma TGLS = 4-2B]	
		[Lymphoma Malignant TGLS = 1-2+2A]	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 2-3]	
* Uterus		Hyperplasia	Cystic, Marked
		[Hyperplasia TGLS = 3-4]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 468	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2,3-2.1+2A]			
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 469

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 3,5-2+2A+2B]		
* Lung		Hemorrhage	Mild
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 2-12]		
* Nose	Glands	Inflammation	Acute, Minimal
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1,4-3+3A]		
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 470

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 2-2A]			
[Hepatocellular Adenoma TGLS = 2-2]			
* Ovary	Periovarn Tiss	Inflammation	Granulomatous, Moderate
		Necrosis	Moderate
[Inflammation TGLS = 1-4A]			
[Necrosis TGLS = 1-4A]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 471

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	

Note: TGL 2 mass is detached liver lobe and therefore is in liver rather than mesentery on micro exam.

[Eosinophilic Focus TGLS = 3,5-2+2A=2B]

[Hepatocellular Adenoma TGLS = 3,5-2A+2B]

[Hepatocellular Carcinoma TGLS = 2-12]

* Lung		Hemorrhage	Minimal
		Hepatocellular Carcinoma	Metastatic (Liver)

[Hepatocellular Carcinoma TGLS = 4-1]

* Nose		Exudate	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 472	TRT#: 8	SEX: Female	DAY ON TEST: 687
	DOSE: 10.0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910697

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus			
Note: TGL 8 thymic mass is aberrant piece of sternum present as necropsy artifact.			
* Urinary Bladder	Serosa	Inflammation	Acute, Moderate
Note: TGL 4 perforation not seen on micro exam.			
* Uterus		Hyperplasia Lymphoma Malignant	Cystic, Minimal

PRIMARY CAUSE OF DEATH	- Intestine Large, Cecum	Perforation
CONTRIBUTORY CAUSE OF DEATH	- Intestine Large;Cecum	Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 473

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,4-2A.1]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 2-7]		
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
* Uterus		Dilatation	Marked
		Hyperplasia	Cystic, Marked
	[Dilatation TGLS = 3-4+4A]		
	[Hyperplasia TGLS = 3-4+4A]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 474	TRT#: 8	SEX: Female	DAY ON TEST: 642
	DOSE: 10.0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Kidney	* Lung	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Islets, Pancreatic		Adenoma	
* Kidney			
Note: TGL 5 focus not seen on micro exam after recut.			
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 6-2A]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
* Ovary		Angiectasis	Minimal
* Pancreas		Lymphoma Malignant	
Peripheral Nerve		Demyelination	Mild
Spinal Cord	Axon	Degeneration	Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-3]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 474

TRT#: 8

SEX: Female

DAY ON TEST: 642

DOSE: 10.0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910699

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hyperplasia

Cystic, Marked

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

- Spinal Cord Axon Degeneration

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 475	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
		Nephropathy	Chronic, Minimal
Lymph Node		Sarcoma	Metastatic (Skin)
Note: TGL 4 enlargement is in axillary lymph node, but there is no TDMS site given for that lymph node.			
[Sarcoma TGLS = 4-13]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Ovary		Cyst	Mild
[Cyst TGLS = 2-4]			
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
* Salivary Glands		Lymphoma Malignant	
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Lymphoma Malignant TGLS = 3-3]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 475

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910700

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 476	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-2A]			
* Nose	Glands	Inflammation	Acute, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 478	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
			[Hepatocellular Adenoma TGLS = 1,4-2A+2B]
			[Hepatocellular Carcinoma TGLS = 2,3-2]
* Lung		Hemorrhage	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 479	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Pigmentation	Mild
[Pigmentation TGLS = 1-10]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thymus		Angiectasis	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 480

TRT#: 8

SEX: Female

DAY ON TEST: 455

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-12]			
* Uterus		Hyperplasia	Cystic, Glandular, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 481

TRT#: 8

SEX: Female

DAY ON TEST: 537

DOSE: 10.0 MG/KG

DISP: Natural Death

HISTO: 910706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma Infiltration Cellular	Histiocyte, Mild
Note: TGL 5 nodules are intrapulmonary metastases of TGL 3 a/b carcinoma. [Alveolar/Bronchiolar Carcinoma TGLS = 3,5-1]			
Lymph Node	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 4-5]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Dilatation	Marked
[Dilatation TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 482	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 2-2+2A]			
[Hepatocellular Adenoma TGLS = 2-2+2A]			
[Mixed Cell Focus TGLS = 2-2+2A]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland		Cyst	Moderate
* Uterus		Hyperplasia	Cystic, Mild
		Polyp Stromal	
[Polyp Stromal TGLS = 1-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 483	TRT#: 8	SEX: Female	DAY ON TEST: 684
	DOSE: 10.0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Heart		Hemangiosarcoma	
* Kidney	Renal Tubule	Necrosis	Moderate
[Necrosis TGLS = 5-3]			
* Liver	Centrilobular	Necrosis	Moderate
[Necrosis TGLS = 4-2]		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 4-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 6-1]			
Lymph Node			
Note: TGL 3 enlargement involves mesentery rather than pancreatic lymph node.			
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1-12]			
Mesentery	Fat	Necrosis	Mild
Note: TGL 3 enlargement is in mesentery rather than pancreatic lymph node on micro exam.			
[Necrosis TGLS = 3-5A]			
* Ovary		Cyst	Minimal
[Hemorrhage TGLS = 2-4]		Hemorrhage	Marked
* Salivary Glands	Acinus	Atrophy	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 483	TRT#: 8	SEX: Female	DAY ON TEST: 684
	DOSE: 10.0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910708

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach [Ulcer TGLS = 9-6A]	Ulcer	Mild
* Stomach, Glandular [Erosion TGLS = 8-6A] [Ulcer TGLS = 8-6A]	Erosion Ulcer	Mild Mild
* Uterus	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH	- Heart Hemangiosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Kidney Renal Tubule Necrosis;Mammary Gland Carcinoma;Ovary Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 484	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: 10.0 MG/KG	DISP: Terminal Sacrifice	HISTO: 910709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 4-2A]			
[Mixed Cell Focus TGLS = 4-2A]			
Lymph Node	Iliac	Hemorrhage	Moderate
[Hemorrhage TGLS = 2-13]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-12]			
* Nose		Exudate	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
[Angiectasis TGLS = 3-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 485

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 2-1]			
* Nose	Glands	Inflammation	Acute, Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 486

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
		Hyperplasia	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Clitoral Gland	Arteriole	Inflammation	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-1]		
* Ovary		Angiectasis	Mild
		Cyst	Marked
	[Cyst TGLS = 2-4A]		
* Spleen		Hyperplasia	Lymphoid, Moderate
* Urinary Bladder	Arteriole	Inflammation	Chronic, Mild
* Uterus		Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 1-4]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 487

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 5-2A]			
[Hepatocellular Adenoma TGLS = 2-2B]			
[Hepatocellular Carcinoma TGLS = 3-2+10]			
[Mixed Cell Focus TGLS = 6-2C]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 4-1]			
* Stomach, Forestomach		Hyperplasia	Squamous, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 488	TRT#: 8	SEX: Female	DAY ON TEST: 493
	DOSE: 10.0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Cholangiocarcinoma	Metastatic (Liver)
	Capsule	Hyperplasia	Mild
* Gallbladder		Cholangiocarcinoma	Metastatic (Liver)
[Cholangiocarcinoma TGLS = 11-10]			
* Heart		Cholangiocarcinoma	Metastatic (Liver)
* Intestine Large, Cecum		Cholangiocarcinoma	Metastatic (Liver)
Note: TGL 3 small cecum not seen on micro exam.			
* Kidney	Renal Tubule	Atrophy	Marked
		Cholangiocarcinoma	Metastatic (Liver)
	Renal Tubule	Necrosis	Mild
[Atrophy TGLS = 7-3]			
* Liver		Cholangiocarcinoma	
		Thrombosis	Mild
		Vacuolization Cytoplasmic	Marked
[Cholangiocarcinoma TGLS = 9-2,10-2A]			
* Lung		Cholangiocarcinoma	Metastatic (Liver)
[Cholangiocarcinoma TGLS = 12-1]			
* Lymph Node, Mesenteric		Cholangiocarcinoma	Metastatic (Liver)
[Cholangiocarcinoma TGLS = 4-5]			
Mesentery		Cholangiocarcinoma	Metastatic (Liver)
[Cholangiocarcinoma TGLS = 5-12]			
* Ovary		Cholangiocarcinoma	Metastatic (Liver)
* Pancreas		Cholangiocarcinoma	Metastatic (Liver)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 488	TRT#: 8	SEX: Female	DAY ON TEST: 493
	DOSE: 10.0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910713

ORGAN AND ACCOUNTABLE SITE STATUS

[Cholangiocarcinoma TGLS = 6-5]			
* Salivary Glands	Acinus	Atrophy	Moderate
Skeletal Muscle		Cholangiocarcinoma	Metastatic (Liver)
[Cholangiocarcinoma TGLS = 8-13]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stom Gland			
Note: TGL 13 dark focus not seen on micro exam after recut.			
* Thymus		Cholangiocarcinoma	Metastatic (Liver)
* Urinary Bladder		Cholangiocarcinoma	Metastatic (Liver)
* Uterus		Dilatation	Moderate
[Dilatation TGLS = 2-4]			

PRIMARY CAUSE OF DEATH - Liver Cholangiocarcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 489

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 7-2+2A]			
[Hepatocellular Adenoma TGLS = 3,4,5,6-2+2A]			
[Hepatocellular Carcinoma TGLS = 1-13]			
Mesentery	Fat	Necrosis	Marked
Note: TGL 1 mesenteric mass is detached lobe of liver.			
[Necrosis TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 490

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Lymphoma Malignant	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus Hepatocellular Adenoma	
	[Eosinophilic Focus TGLS = 2,3-2+2A]		
	[Hepatocellular Adenoma TGLS = 1-2]		
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 491

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 4-2A]			
[Hepatocellular Adenoma TGLS = 2,3-2+2A]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	Subcut Tiss	Inflammation	Chronic, Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 492

TRT#: 8

SEX: Female

DAY ON TEST: 603

DOSE: 10.0 MG/KG

DISP: Natural Death

HISTO: 910717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Casts Protein	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-2]		
	[Hepatocellular Carcinoma TGLS = 1-2]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Marked
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 493

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Lymphoma Malignant	
[Eosinophilic Focus TGLS = 5,6-2+2A]			
[Hepatocellular Carcinoma TGLS = 4-2B]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-12]			
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-3]			
* Thymus		Lymphoma Malignant	
* Uterus		Dilatation	Moderate
		Hyperplasia	Cystic, Mild
[Dilatation TGLS = 1-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 493

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910718

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 494

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: 10.0 MG/KG

DISP: Terminal Sacrifice

HISTO: 910719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Nose	Glands	Inflammation	Acute, Minimal
* Ovary		Cyst	Minimal
[Cyst TGLS = 1-4]			
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-3]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-07
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/23/2014
Time Report Requested: 03:54:01
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 495	TRT#: 8	SEX: Female	DAY ON TEST: 670
	DOSE: 10.0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Mild
* Brain	Thalamus	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	Moderate
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLS = 4-2A]		
	[Hepatocellular Carcinoma TGLS = 2-2B]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Histiocyte, Moderate
	[Hepatocellular Carcinoma TGLS = 3-1]		
* Nose	Glands	Inflammation	Acute, Minimal
		Inflammation	Acute, Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE