

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

C Number:	C60902B
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 508
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin - Back	Skin - Inguinal	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Liver		Basophilic Focus	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen			

Note: TGL 1 SMALL SIZE NOT SEEN ON MICRO EXAM

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 463
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Back
Skin - Inguinal	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Moderate
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
Liver		Fatty Change	Mild
Lung		Alveolar/Bronchiolar Adenoma	
		Metaplasia	Osseous, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 1-1.01]			
Nose	Glands	Inflammation	Acute, Minimal
Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 463
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Back	Skin - Inguinal
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Islets, Pancreatic		Hyperplasia	Moderate
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
Liver		Fatty Change	Moderate
Thymus		Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10	TRT#: 1	SEX: Male	DAY ON TEST: 463
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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 - Back
Skin - Inguinal	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
	Cortex	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
Liver		Fatty Change	Mild
Preputial Gland		Inflammation	Chronic, Mild
Thyroid Gland	Follicle	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 598

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 910013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Seminal Vesicle	Skin - Back	Skin - Inguinal
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Epididymis	Fat	Necrosis	Minimal
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Moderate
Kidney	Renal Tubule	Degeneration	Hyaline, Mild
	Cortex	Mineralization	Minimal
Liver		Nephropathy	Chronic, Mild
	[Schwannoma Malignant TGLS = 1,2,3,4,5-2+2.01]	Schwannoma Malignant	Metastatic (Salivary Glands)
Lymph Node	Mandibular	Schwannoma Malignant	Metastatic (Salivary Glands)
Salivary Glands		Schwannoma Malignant	
	[Schwannoma Malignant TGLS = 6-5]		
Spleen		Hematopoietic Cell Proliferation	Marked
Stomach	Glandular	Erosion	Mild
		Note: [EROSION] TGLs = 7-6	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 14	TRT#: 1	SEX: Male	DAY ON TEST: 463
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Back	Skin - Inguinal	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
Liver		Fatty Change	Minimal
Nose	Glands	Inflammation	Acute, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17	TRT#: 1	SEX: Male	DAY ON TEST: 471
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 910017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Jejunum
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin - Back	Skin - Inguinal	Spleen
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Ileum
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OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Mineralization	Minimal
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-2.01]			
Preputial Gland		Inflammation	Chronic, Mild
Stomach	Glandular	Erosion	Minimal
Note: [EROSION] TGLs = 2-6.01			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18	TRT#: 1	SEX: Male	DAY ON TEST: 463
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin - Back	Skin - Inguinal	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-1.01]		

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24	TRT#: 1	SEX: Male	DAY ON TEST: 463
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Back	Skin - Inguinal	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Moderate
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2.01]			
Nose	Glands	Inflammation	Acute, Minimal
Thyroid Gland	Follicle	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26	TRT#: 1	SEX: Male	DAY ON TEST: 463
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Back
Skin - Inguinal	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
Liver		Clear Cell Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-2.01]		
Lung		Hemorrhage	Minimal
Nose	Glands	Inflammation	Acute, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33	TRT#: 1	SEX: Male	DAY ON TEST: 463
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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 - Back	Skin - Inguinal	Spleen	Stomach - Forestomach
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Cytoplasmic Alteration	Minimal
	Capsule	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Moderate
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
Liver		Fatty Change	Mild
Stomach	Glandular	Inflammation	Acute, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 617

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 910037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	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 - Back
Skin - Inguinal	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Gallbladder		Lymphoma Malignant Lymphocytic	
Intestine Small	Duodenum	Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 4-6.01]		
Islets, Pancreatic		Hyperplasia	Marked
Kidney		Lymphoma Malignant Lymphocytic	
Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant Lymphocytic	
		Necrosis	Mild
Note: [HEPATOCLR CARC]	TGLs = 7-2.01		
	[Hepatocellular Carcinoma TGLS = 8-2.01]		
Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant Lymphocytic	
Note: [LYMPH MAL LYMP]	TGLs = 11-1+1.01		
Note: [ALV BRON ADEN]	TGLs = 11-1.01		
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Inguinal	Pigmentation	Mild
Note: [LYMPH MAL LYMP]	TGLs = 10-5		
	[Lymphoma Malignant Lymphocytic TGLS = 5-5]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 617 HISTO: 910037
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ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 2-3+3.01]		
Mammary Gland		
Note: TGL 2 DARK FOCI ARE IN INGUINAL LN NOT MAMMARY GLAND		
Mesentery	Hepatocellular Carcinoma	Metastatic (Liver)
	Lymphoma Malignant Lymphocytic	
Note: [HEPATOCLR CARC] TGLs = 9-13		
Preputial Gland	Cyst	
Note: [CYST] TGLs = 12-10		
Seminal Vesicle	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 3-11]		
Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 6-3]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41	TRT#: 1	SEX: Male	DAY ON TEST: 463
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin - Back	Skin - Inguinal	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-5.01]			
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
Liver		Fatty Change	Mild
Lung		Hemorrhage	Minimal
Nose	Glands	Inflammation	Acute, Minimal
Pancreas			
Note: TGL 1 PANCREATIC FOCI ARE IN PANCREATIC ISLETS			
Parathyroid Gland		Cyst	
Preputial Gland		Inflammation	Chronic, Mild
Thyroid Gland	Follicle	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 463

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Back	Skin - Inguinal	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 2-5			
Kidney	Renal Tubule	Hyperplasia	Minimal
	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
Liver		Fatty Change	Mild
		Hepatocellular Adenoma	
[Fatty Change TGLS = 1-2.01]			
Pancreas			
Note: TGL 2 PANCREATIC FOCI ARE IN PANCREATIC ISLETS			
Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
Thymus		Mixed Tumor Benign	
Note: [MIXD TUMOR BGN] TGLs = 3-5.01			
Thyroid Gland	Follicle	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 54	TRT#: 1	SEX: Male	DAY ON TEST: 428
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 910054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin - Back	Skin - Inguinal	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Gallbladder	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Mineralization	Minimal
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-2.01]			
Preputial Gland		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Thymus		Ectopic Parathyroid Gland	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 67	TRT#: 3	SEX: Male	DAY ON TEST: 463
	DOSE: 6.0 MG/K	DISP: Scheduled Sacrifice	HISTO: 910127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Prostate	Salivary Glands	Seminal Vesicle	Skin - Back
Skin - Inguinal	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Islets, Pancreatic		Hyperplasia	Moderate
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
Liver		Fatty Change	Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Preputial Gland		Inflammation	Chronic, Mild
Thyroid Gland	Follicle	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 68	TRT#: 3	SEX: Male	DAY ON TEST: 463
	DOSE: 6.0 MG/K	DISP: Scheduled Sacrifice	HISTO: 910128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Pituitary Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Skin - Back	Skin - Inguinal	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Brain	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
	Cortex	Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
Liver		Fatty Change	Minimal
Lymph Node	Mesenteric	Inflammation	Acute, Minimal
Prostate		Concretion	Mild
Thymus		Cyst	
		Ectopic Parathyroid Gland	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 79	TRT#: 3	SEX: Male	DAY ON TEST: 463
	DOSE: 6.0 MG/K	DISP: Scheduled Sacrifice	HISTO: 910139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Back
Skin - Inguinal	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Moderate
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
Liver		Fatty Change	Mild
		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 1-2.01 [Hepatocellular Adenoma TGLS = 1-2.01]			
Nose	Glands	Inflammation	Acute, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Ectopic Parathyroid Gland	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 80	TRT#: 3	SEX: Male	DAY ON TEST: 463
	DOSE: 6.0 MG/K	DISP: Scheduled Sacrifice	HISTO: 910140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Back
Skin - Inguinal	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
Thyroid Gland	Follicle	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 463

DOSE: 6.0 MG/K

DISP: Scheduled Sacrifice

HISTO: 910152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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 - Back
Skin - Inguinal	Spleen	Stomach - Forestomach	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
	Cortex	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 1-5.01			
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
Liver		Clear Cell Focus	
		Fatty Change	Mild
Pancreas			
Note: TGL 1 PANCREATIC FOCI ARE IN PANCREATIC ISLETS			
Stomach	Glandular	Hyperplasia	Minimal
Thymus		Cyst	
		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 592

DOSE: 6.0 MG/K

DISP: Moribund Sacrifice

HISTO: 910158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin - Back	Skin - Inguinal	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Marked
		Inflammation	Chronic, Moderate
			[Alveolar/Bronchiolar Adenoma TGLS = 6-1]
			[Alveolar/Bronchiolar Carcinoma TGLS = 3-1.01]
			[Infiltration Cellular TGLS = 4-1]
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Infiltration Cellular	Plasma Cell, Mild
			Note: [HYPERPLASIA] TGLs = 5-5
Preputial Gland		Cyst	
		Inflammation	Chronic, Mild
			Note: [CYST] TGLs = 2-10

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 592

DOSE: 6.0 MG/K

DISP: Moribund Sacrifice

HISTO: 910158

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Ectopic Parathyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 99	TRT#: 3	SEX: Male	DAY ON TEST: 463
	DOSE: 6.0 MG/K	DISP: Scheduled Sacrifice	HISTO: 910159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Back	Skin - Inguinal	Spleen
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
Liver		Fatty Change	Mild
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2.01]			
Stomach	Forestomach	Hyperplasia	Squamous, Minimal
	Glandular	Inflammation	Subacute, Mild
Thyroid Gland	Follicle	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 104

TRT#: 3

SEX: Male

DAY ON TEST: 463

DOSE: 6.0 MG/K

DISP: Scheduled Sacrifice

HISTO: 910164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin - Back	Skin - Inguinal
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-2.01]		
Preputial Gland		Cyst	
		Inflammation	Chronic, Mild
	[Cyst TGLS = 2-10]		
Prostate		Concretion	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 109

TRT#: 3

SEX: Male

DAY ON TEST: 463

DOSE: 6.0 MG/K

DISP: Scheduled Sacrifice

HISTO: 910169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Back	Skin - Inguinal	Spleen
Stomach - Glandular	Testes	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Moderate
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
Liver		Clear Cell Focus	
		Fatty Change	Moderate
Stomach	Forestomach	Hyperplasia	Squamous, Minimal
Thymus		Cyst	
Thyroid Gland	Follicle	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 110

TRT#: 3

SEX: Male

DAY ON TEST: 463

DOSE: 6.0 MG/K

DISP: Scheduled Sacrifice

HISTO: 910170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Inguinal	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Islets, Pancreatic		Hyperplasia	Moderate
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
Liver		Clear Cell Focus	
		Fatty Change	Mild
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-2.01]			
Preputial Gland		Dilatation	Moderate
		Inflammation	Chronic, Mild
Skin	Back	Infiltration Cellular	Mast Cell, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 112 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 579
DOSE: 6.0 MG/K **DISP:** Moribund Sacrifice **HISTO:** 910172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Mesenteric	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin - Back	Skin - Inguinal	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland Spleen

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Moderate
Kidney	Cortex	Cyst	
		Mineralization	Minimal
		Nephropathy	Chronic, Mild
[Cyst TGLS = 2-3.01]			
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 3-2.01			
Lung		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
Nose	Glands	Inflammation	Acute, Minimal
Pancreas	Acinus	Atrophy	Minimal
Penis		Edema	Mild
[Edema TGLS = 1-13]			
Pituitary Gland	Pars Distalis	Cyst	
Tongue		Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 4-14			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 112

TRT#: 3

SEX: Male

DAY ON TEST: 579

DOSE: 6.0 MG/K

DISP: Moribund Sacrifice

HISTO: 910172

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 114

TRT#: 3

SEX: Male

DAY ON TEST: 463

DOSE: 6.0 MG/K

DISP: Scheduled Sacrifice

HISTO: 910174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin - Back	Skin - Inguinal	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 1-2+2.01			
Preputial Gland		Dilatation	Moderate
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 118	TRT#: 3	SEX: Male	DAY ON TEST: 471
	DOSE: 6.0 MG/K	DISP: Natural Death	HISTO: 910178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Liver
Lung	Lymph Node - Mandibular	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin - Back	Skin - Inguinal	Testes	Thyroid Gland
Trachea			

MISSING

Lymph Node - Mesenteric	Mammary Gland	Spleen	
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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	Islets, Pancreatic
Pancreas	Stomach - Forestomach	Stomach - Glandular	Thymus

OBSERVATIONS

Brain		Mineralization	Minimal
Kidney	Pelvis	Hemorrhage	Moderate
	Cortex	Mineralization	Minimal
Seminal Vesicle		Dilatation	Marked
[Dilatation TGLS = 2-11.01]			
Urinary Bladder		Dilatation	Marked
		Hemorrhage	Moderate
[Dilatation TGLS = 1-10.01]			
[Hemorrhage TGLS = 1-10.01]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 463

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Inguinal	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
Liver		Clear Cell Focus	
		Fatty Change	Mild
[Clear Cell Focus TGLS = 2-2.01]			
[Fatty Change TGLS = 1-2+2.01]			
Skin	Back	Acanthosis	Mild
Thyroid Gland	Follicle	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 463

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin - Inguinal	Spleen
Stomach - Glandular	Testes	Trachea	Urinary Bladder

MISSING

Brain	Mammary Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
Skin	Back	Acanthosis	Minimal
Stomach	Forestomach	Hyperplasia	Squamous, Mild
Note: [HYPERPLASIA] TGLs = 1-6.01			
Thymus		Cyst	
Thyroid Gland	Follicle	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 127	TRT#: 5	SEX: Male	DAY ON TEST: 463
	DOSE: 10.0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Inguinal	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
Liver		Fatty Change	Minimal
Skin	Back	Acanthosis	Mild
[Acanthosis TGLS = 1-12.01]			
Testes		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 316

DOSE: 10.0 MG/KG

DISP: Natural Death

HISTO: 910068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Kidney
Nose
Prostate
Skin - Inguinal
Thyroid Gland

Adrenal Gland - Medulla
Epididymis
Lung
Parathyroid Gland
Salivary Glands
Spleen
Trachea

Bone
Esophagus
Lymph Node - Mandibular
Pituitary Gland
Seminal Vesicle
Testes
Urinary Bladder

Bone Marrow
Heart
Lymph Node - Mesenteric
Preputial Gland
Skin - Back
Thymus

MISSING

Gallbladder

Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum
Intestine Small - Ileum
Stomach - Forestomach

Intestine Large - Colon
Intestine Small - Jejunum
Stomach - Glandular

Intestine Large - Rectum
Islets, Pancreatic

Intestine Small - Duodenum
Pancreas

OBSERVATIONS

Liver Hepatocellular Adenoma

[Hepatocellular Adenoma TGLS = 1-2.01]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 131	TRT#: 5	SEX: Male	DAY ON TEST: 576
	DOSE: 10.0 MG/KG	DISP: Natural Death	HISTO: 910071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin - Back
Skin - Inguinal	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 - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Brain		Mineralization	Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Marked
Kidney		Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
		Hyperplasia	Mild
		[Hepatocellular Adenoma TGLS = 3-2.01]	
		[Hyperplasia TGLS = 2-2]	
Nose	Glands	Inflammation	Acute, Minimal
Seminal Vesicle		Dilatation	Marked
		Note: [DILATATION] TGLs = 1-11.01	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 140	TRT#: 5	SEX: Male	DAY ON TEST: 619
	DOSE: 10.0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	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	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin - Back	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow		Necrosis	Mild
Brain		Hemorrhage	Minimal
		Mineralization	Minimal
Heart	Valve	Bacterium	Mild
		Cardiomyopathy	Minimal
		Inflammation	Acute, Minimal
Kidney		Bacterium	Minimal
		Inflammation	Acute, Mild
		Mineralization	Minimal
		Nephropathy	Acute, Mild
		Clear Cell Focus	
Liver		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Mandibular	Infiltration Cellular	Histiocyte, Mild
	Mesenteric		
Mammary Gland			
Note: TGL 4 DARK FOCI IN SKIN NOT MAMMARY GLAND ON MICRO			
Penis		Congestion	Mild
		Cyst	
Preputial Gland		Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 140	TRT#: 5	SEX: Male	DAY ON TEST: 619
	DOSE: 10.0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910080

ORGAN AND ACCOUNTABLE SITE STATUS

[Dilatation TGLS = 3-10]			
Skin	Inguinal	Congestion	Mild
Note: [CONGESTION] TGLs = 4-3+3.01			
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 566

DOSE: 10.0 MG/KG

DISP: Natural Death

HISTO: 910083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Lung	Lymph Node - Mandibular	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin - Back	Skin - Inguinal	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mesenteric	Mammary Gland
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AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Intestine Small	Duodenum	Inflammation	Chronic, Moderate
Islets, Pancreatic		Carcinoma	
		Hyperplasia	Moderate
[Carcinoma TGLS = 3-5.01]			
Kidney	Cortex	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Liver		Carcinoma	Metastatic (Islets, Pancreatic)
		Hepatocellular Adenoma	
		Inflammation	Chronic, Minimal
		Necrosis	Minimal
[Hepatocellular Adenoma TGLS = 4-2.01]			
[Inflammation TGLS = 4-2.01]			
Lymph Node			
Note: TGL 3 INVOLVES PANCREATIC ISLETS NOT PANCREATIC LN			
Mesentery	Fat	Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 143	TRT#: 5	SEX: Male	DAY ON TEST: 566
	DOSE: 10.0 MG/KG	DISP: Natural Death	HISTO: 910083

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [NECROSIS] TGLs = 2-13			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Cyst	
Note: [CYST] TGLs = 1-10			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 463

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Back
Skin - Inguinal	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Renal Tubule	Hyperplasia	Minimal
	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
Liver		Fatty Change	Mild
Preputial Gland		Inflammation	Chronic, Minimal
Thymus		Cyst	
		Ectopic Parathyroid Gland	
Thyroid Gland	Follicle	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 463

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Back	Skin - Inguinal
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
Liver		Fatty Change	Mild
Thyroid Gland	Follicle	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 147	TRT#: 5	SEX: Male	DAY ON TEST: 463
	DOSE: 10.0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Inguinal
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Mild
Liver		Fatty Change	Mild
Preputial Gland		Inflammation	Chronic, Minimal
		Metaplasia	Squamous, Mild
Skin	Back	Acanthosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 157

TRT#: 5

SEX: Male

DAY ON TEST: 463

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Prostate	Salivary Glands	Seminal Vesicle	Skin - Back
Skin - Inguinal	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Cyst	
	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
Liver		Fatty Change	Minimal
Nose	Glands	Inflammation	Acute, Minimal
Preputial Gland		Cyst	
[Cyst TGLS = 1-10]			
Tooth		Abscess	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 165

TRT#: 5

SEX: Male

DAY ON TEST: 463

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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	Prostate
Salivary Glands	Seminal Vesicle	Skin - Back	Skin - Inguinal
Spleen	Stomach - Forestomach	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Brain		Mineralization	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-13]			
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Hydronephrosis	Mild
	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
Liver		Fatty Change	Mild
Nose	Glands	Inflammation	Acute, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Stomach	Glandular	Cyst	
	Glandular	Mineralization	Minimal
Thyroid Gland	Follicle	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 167	TRT#: 5	SEX: Male	DAY ON TEST: 463
	DOSE: 10.0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Back	Skin - Inguinal
Stomach - Forestomach	Stomach - Glandular	Testes	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
Liver		Clear Cell Focus	
		Fatty Change	Moderate
		Hepatocellular Adenoma	
		[Clear Cell Focus TGLS = 2-2]	
		[Fatty Change TGLS = 3,4-2.01+2.02]	
		[Hepatocellular Adenoma TGLS = 1-2.01]	
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Cyst	
Thyroid Gland	Follicle	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 174	TRT#: 5	SEX: Male	DAY ON TEST: 463
	DOSE: 10.0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Back	Skin - Inguinal	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Minimal
Liver		Clear Cell Focus	
		Fatty Change	Mild
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 199	TRT#: 2	SEX: Female	DAY ON TEST: 462
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin - Back
Skin - Inguinal	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Bone Marrow		Myelofibrosis	Minimal
Uterus		Hyperplasia	Cystic, Glandular, Moderate

PRIMARY CAUSE OF DEATH -

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 202	TRT#: 2	SEX: Female	DAY ON TEST: 462
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Kidney	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin - Back	Skin - Inguinal
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 2-2.01			
Nose	Glands	Inflammation	Acute, Minimal
Thyroid Gland	Follicle	Hypertrophy	Minimal
Uterus		Hyperplasia	Cystic, Glandular, Marked
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 205

TRT#: 2

SEX: Female

DAY ON TEST: 462

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Pituitary Gland	Salivary Glands	Skin - Back	Skin - Inguinal
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Liver		Hyperplasia	Mild
Thyroid Gland	Follicle	Hypertrophy	Minimal
Uterus		Hyperplasia	Cystic, Glandular, Marked

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 207	TRT#: 2	SEX: Female	DAY ON TEST: 191
	DOSE: 0 MG/KG	DISP: Accidentally Killed	HISTO: 910192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Rectum	Kidney	Liver	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Salivary Glands
Skin - Back	Skin - Inguinal	Spleen	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	Uterus

MISSING

Parathyroid Gland	Pituitary Gland
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AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Ovary	Pancreas	Stomach - Glandular	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 209	TRT#: 2	SEX: Female	DAY ON TEST: 462
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Back
Skin - Inguinal	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Ovary		Hematocyst	
Thymus		Ectopic Parathyroid Gland	
Uterus		Hyperplasia	Cystic, Glandular, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 215

TRT#: 2

SEX: Female

DAY ON TEST: 462

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin - Back	Skin - Inguinal
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Bone Marrow		Myelofibrosis	Minimal
Thyroid Gland	Follicle	Hypertrophy	Minimal
Uterus		Hyperplasia	Cystic, Glandular, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 216

TRT#: 2

SEX: Female

DAY ON TEST: 595

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Skin - Back
Skin - Inguinal	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Moderate
Liver		Fatty Change	Mild
		Necrosis	Mild
Ovary		Hemorrhage	Marked
Note: [HEMORRHAGE] TGLs = 4-4			
Salivary Glands		Hypoplasia	Marked
[Hypoplasia TGLS = 1-5.01]			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: [HEMA CELL PROL] TGLs = 5-3			
Stomach	Glandular	Mineralization	Minimal
Uterus		Hemorrhage	Marked
		Hyperplasia	Cystic, Marked
Note: [HYPERPLASIA] TGLs = 2,3-4.01			
[Hyperplasia TGLS = 3-4.01]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 217

TRT#: 2

SEX: Female

DAY ON TEST: 462

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Pituitary Gland	Skin - Back	Skin - Inguinal
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Bone Marrow		Myelofibrosis	Mild
Lung		Hemorrhage	Minimal
Nose	Glands	Inflammation	Acute, Minimal
Ovary		Angiectasis	Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Moderate
Uterus		Hyperplasia	Cystic, Glandular, Moderate

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 223

TRT#: 2

SEX: Female

DAY ON TEST: 462

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Ovary
Salivary Glands	Skin - Back	Skin - Inguinal	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Nose	Glands	Inflammation	Acute, Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Glandular, Marked

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 225

TRT#: 2

SEX: Female

DAY ON TEST: 462

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin - Back
Skin - Inguinal	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea			

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
	Medulla	Hyperplasia	Minimal
Bone Marrow		Myelofibrosis	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Ovary		Hematocyst	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thymus		Ectopic Parathyroid Gland	
Thyroid Gland	Follicle	Hypertrophy	Minimal
Urinary Bladder		Infiltration Cellular	Lymphocyte, Moderate
Uterus		Hyperplasia	Cystic, Glandular, Marked

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 229 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 605
DOSE: 0 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 910214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Parathyroid Gland	Salivary Glands	Skin - Back
Skin - Inguinal	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Bone Marrow		Myelofibrosis	Mild
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Liver		Hepatocellular Carcinoma	
Note: [HEPATOCLR CARC] TGLs = 2-2.01			
Lung		Hemorrhage	Minimal
Lymph Node			
Note: TGL 1 ENLARGED MESENTERIC LN IS MESENTERIC HEMORRHAGE			
Mesentery		Hemorrhage	Mild
	Fat	Necrosis	Mild
Note: [NECROSIS] TGLs = 4-12			
[Hemorrhage TGLS = 1-5.1]			
Ovary		Cyst	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 234	TRT#: 2	SEX: Female	DAY ON TEST: 462
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - 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
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Skin - Back	Skin - Inguinal	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
	Capsule	Hyperplasia	Minimal
Bone Marrow		Myelofibrosis	Minimal
Nose		Foreign Body	Minimal
Thymus		Ectopic Parathyroid Gland	
Uterus		Hyperplasia	Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 236	TRT#: 2	SEX: Female	DAY ON TEST: 529
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 910221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	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	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin - Back
Skin - Inguinal	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Bone Marrow		Myelofibrosis	Minimal
Brain		Mineralization	Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-2]			
Lung		Hemorrhage	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-12]			
Nose	Glands	Inflammation	Acute, Minimal
	Lumen	Inflammation	Acute, Minimal
Pancreas	Acinus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 240	TRT#: 2	SEX: Female	DAY ON TEST: 462
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin - Back
Skin - Inguinal	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Nose	Glands	Inflammation	Acute, Minimal
Ovary		Hematocyst	
Uterus		Hyperplasia	Cystic, Glandular, Marked

Note: [HYPERPLASIA] TGLs = 1-4

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 241

TRT#: 2

SEX: Female

DAY ON TEST: 568

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 910226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin - Back
Skin - Inguinal	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum			

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Brain		Mineralization	Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Moderate
Kidney	Renal Tubule	Necrosis	Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 2,3,4-2+2.01]			
Lung	Alveolar Epith	Hyperplasia	Mild
Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-4.01]			
Pancreas		Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Thymus		Cyst	
Thyroid Gland	Follicle	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 242 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 612
DOSE: 0 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 910227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Ovary	Parathyroid Gland	Skin - Back
Skin - Inguinal	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Bone			
Note: TGL 16 NODULES INVOLVE SKELETAL MUSCLE NOT BONE			
Brain		Demyelination	Moderate
		Thrombosis	Minimal
Heart		Adenocarcinoma	Metastatic (Uncertain Primary Site)
		Cardiomyopathy	Mild
Note: [ADENOCARC] TGLs = 14-2.02			
Kidney		Adenocarcinoma	Metastatic (Mammary Gland)
Note: [ADENOCARC] TGLs = 8,9,10-3			
Liver		Adenocarcinoma	Metastatic (Mammary Gland)
Note: [ADENOCARC] TGLs = 11,12,13-2+2.01			
Lung		Adenocarcinoma	Metastatic (Mammary Gland)
		Hemorrhage	Minimal
Note: [ADENOCARC] TGLs = 15-1			
Lymph Node	Mediastinal	Adenocarcinoma	Metastatic (Mammary Gland)
Note: TGL 1 LESION IS IN SALIVARY GLAND NOT IN MANDIBULAR LN			
Mammary Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 7,17-13			
Mesentery	Fat	Necrosis	Moderate
Note: TGL 4 LESION INVOLVES SUBCUT TISSUE RATHER THAN MESENTERY			
Note: [NECROSIS] TGLs = 2-12			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 242	TRT#: 2	SEX: Female	DAY ON TEST: 612
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910227

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas		Adenocarcinoma Cyst Inflammation	Metastatic (Mammary Gland) Acute, Moderate
Note: [ADENOCARC] TGLs = 5-5 [Cyst TGLS = 6-5]			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands		Adenocarcinoma	Metastatic (Mammary Gland)
Note: [ADENOCARC] TGLs = 1-5			
Skeletal Muscle		Adenocarcinoma	Metastatic (Mammary Gland)
Note: TGL 17 MASS INVOLVES MAMMARY GLAND Note: [ADENOCARC] TGLs = 16-14			
Skin	Subcut Tiss	Hemorrhage	Moderate
Note: [HEMORRHAGE] TGLs = 4-12			
Spleen		Hematopoietic Cell Proliferation	Moderate
Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 248

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 543
HISTO: 910233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Kidney	Liver	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin - Back	Skin - Inguinal	Stomach - Forestomach	Thymus
Trachea	Urinary Bladder		

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Ileum
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OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Skin	Subcut Tiss	Hemangiosarcoma	
Note: [HEMANGIOSARC] TGLs = 3-12			
Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-3]			
Stomach	Glandular	Erosion	Mild
Note: [EROSION] TGLs = 4-6.11			
Thyroid Gland	Follicular Cel Follicle	Hyperplasia Hypertrophy	Minimal Mild
Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 251

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 94
HISTO: 910236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mesenteric
Pancreas
Skin - Inguinal
Thymus
Uterus

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Mammary Gland
Pituitary Gland
Spleen
Thyroid Gland

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Nose
Salivary Glands
Stomach - Forestomach
Trachea

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Ovary
Skin - Back
Stomach - Glandular
Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland

Capsule

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 252	TRT#: 2	SEX: Female	DAY ON TEST: 78
	DOSE: 0 MG/KG	DISP: Accidentally Killed	HISTO: 910237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	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
Nose	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Skin - Back	Skin - Inguinal	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Esophagus	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Lung		Congestion	Mild
		Hemorrhage	Minimal

[Congestion TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 277

TRT#: 4

SEX: Female

DAY ON TEST: 612

DOSE: 6.0 MG/K

DISP: Moribund Sacrifice

HISTO: 910322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Mammary Gland	Nose	Parathyroid Gland
Salivary Glands	Skin - Back	Skin - Inguinal	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Intestine Small - Ileum	Thymus
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OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
	Capsule	Sarcoma Stromal	Metastatic (Uterus)
Bone Marrow		Sarcoma Stromal	Metastatic (Uterus)
Brain		Mineralization	Minimal
Clitoral Gland		Dilatation	Mild
Heart		Cardiomyopathy	Minimal
		Sarcoma Stromal	Metastatic (Uterus)
Intestine Large	Cecum	Sarcoma Stromal	Metastatic (Uterus)
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Renal Tubule	Degeneration	Hyaline, Moderate
	Renal Tubule	Dilatation	Moderate
		Sarcoma Stromal	Metastatic (Uterus)
[Degeneration TGLS = 8-3]			
Liver		Hepatocellular Carcinoma	
		Sarcoma Stromal	Metastatic (Uterus)
Note: [HEPATOCLR CARC] TGLs = 11-2.01			
Note: [SARC STROMAL] TGLs = 9,10,12-2+2.01			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Sarcoma Stromal	Metastatic (Uterus)
Note: [SARC STROMAL] TGLs = 15-1			
Lymph Node	Iliac	Sarcoma Stromal	Metastatic (Uterus)
	Mandibular	Sarcoma Stromal	Metastatic (Uterus)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 277	TRT#: 4	SEX: Female	DAY ON TEST: 612
	DOSE: 6.0 MG/K	DISP: Moribund Sacrifice	HISTO: 910322

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Sarcoma Stromal	Metastatic (Uterus)
	Mesenteric	Sarcoma Stromal	Metastatic (Uterus)
	Renal	Sarcoma Stromal	Metastatic (Uterus)
	[Sarcoma Stromal TGLS = 5,6,7,14-5+12+13]		
Ovary		Sarcoma Stromal	Metastatic (Uterus)
Pancreas	Acinus	Atrophy	Mild
		Sarcoma Stromal	Metastatic (Uterus)
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Marked
		Sarcoma Stromal	Metastatic (Uterus)
	Note: [HEMA CELL PROL] TGLs = 4-3		
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
	Follicle	Hypertrophy	Minimal
Uterus		Sarcoma Stromal	
	[Sarcoma Stromal TGLS = 2,3-4+4.01]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 278

TRT#: 4

SEX: Female

DAY ON TEST: 462

DOSE: 6.0 MG/K

DISP: Scheduled Sacrifice

HISTO: 910323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Ovary	Parathyroid Gland	Salivary Glands
Skin - Back	Skin - Inguinal	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Nose	Glands	Inflammation	Acute, Minimal
Pancreas	Acinus	Atrophy	Minimal
Uterus		Hyperplasia	Cystic, Glandular, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 279

TRT#: 4

SEX: Female

DAY ON TEST: 462

DOSE: 6.0 MG/K

DISP: Scheduled Sacrifice

HISTO: 910324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin - Back	Skin - Inguinal
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Brain		Mineralization	Minimal
Liver		Hepatocellular Adenoma	
Note: [HEPATOCLR ADEN] TGLs = 2-2.01			
Thyroid Gland	Follicle	Hypertrophy	Minimal
Uterus		Hyperplasia	Cystic, Glandular, Moderate
Note: [HYPERPLASIA] TGLs = 1-4			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 284

TRT#: 4

SEX: Female

DAY ON TEST: 462

DOSE: 6.0 MG/K

DISP: Scheduled Sacrifice

HISTO: 910329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Skin - Back	Skin - Inguinal	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Nose	Glands	Inflammation	Acute, Minimal
Uterus		Hyperplasia	Cystic, Glandular, Moderate

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 285

TRT#: 4

SEX: Female

DAY ON TEST: 462

DOSE: 6.0 MG/K

DISP: Scheduled Sacrifice

HISTO: 910330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin - Back	Skin - Inguinal	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Bone Marrow		Myelofibrosis	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Uterus		Hyperplasia	Cystic, Glandular, Marked

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 289

TRT#: 4

SEX: Female

DAY ON TEST: 462

DOSE: 6.0 MG/K

DISP: Scheduled Sacrifice

HISTO: 910334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin - Back
Skin - Inguinal	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Nose	Glands	Inflammation	Acute, Mild
Ovary		Hematocyst	
Thymus		Cyst	
Thyroid Gland	Follicle	Hypertrophy	Minimal
Uterus		Hyperplasia	Cystic, Glandular, Marked

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 291

TRT#: 4

SEX: Female

DAY ON TEST: 462

DOSE: 6.0 MG/K

DISP: Scheduled Sacrifice

HISTO: 910336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin - Back	Skin - Inguinal
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Nose	Glands	Inflammation	Acute, Minimal
Uterus		Hyperplasia	Cystic, Glandular, Moderate

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 297

TRT#: 4

SEX: Female

DAY ON TEST: 603

DOSE: 6.0 MG/K

DISP: Moribund Sacrifice

HISTO: 910342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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 - Back	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Mild
		Mixed Cell Focus	
Note: [MIXED CL FOCUS] TGLs = 3-2.01			
Lung		Alveolar/Bronchiolar Adenoma	
Note: [ALV BRON ADEN] TGLs = 4-1.11			
Nose	Glands	Inflammation	Acute, Minimal
Skin	Inguinal	Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Marked
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Hemorrhage	Marked
		Hyperplasia	Cystic, Marked

[Hemorrhage TGLS = 2-4.01]

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 298

TRT#: 4

SEX: Female

DAY ON TEST: 462

DOSE: 6.0 MG/K

DISP: Scheduled Sacrifice

HISTO: 910343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin - Back	Skin - Inguinal	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain		Mineralization	Minimal
Nose	Glands	Inflammation	Acute, Minimal
Thyroid Gland	Follicle	Hypertrophy	Minimal
Uterus		Hyperplasia	Cystic, Glandular, Marked
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 300

TRT#: 4

SEX: Female

DAY ON TEST: 587

DOSE: 6.0 MG/K

DISP: Natural Death

HISTO: 910345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin - Back	Skin - Inguinal	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Mesentery	Fat	Necrosis	Mild
Note: [NECROSIS] TGLs = 2-5			
Pancreas	Acinus	Atrophy	Minimal
Note: TGL 2 NODULE IS IN MESENTERY RATHER THAN PANCREAS			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland	Follicle	Hypertrophy	Moderate
Uterus		Hyperplasia	Cystic, Mild
		Sarcoma Stromal	

[Hyperplasia TGLS = 1-4.01]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 301

TRT#: 4

SEX: Female

DAY ON TEST: 462

DOSE: 6.0 MG/K

DISP: Scheduled Sacrifice

HISTO: 910346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Salivary Glands
Skin - Back	Skin - Inguinal	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Ovary		Cystadenoma	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Glandular, Marked

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 304

TRT#: 4

SEX: Female

DAY ON TEST: 462

DOSE: 6.0 MG/K

DISP: Scheduled Sacrifice

HISTO: 910349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Liver	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin - Back	Skin - Inguinal
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Bone Marrow		Myelofibrosis	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Nose	Glands	Inflammation	Acute, Minimal
Ovary		Hematocyst	
Thyroid Gland		Cyst	
Uterus		Hyperplasia	Cystic, Glandular, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 308

TRT#: 4

SEX: Female

DAY ON TEST: 462

DOSE: 6.0 MG/K

DISP: Scheduled Sacrifice

HISTO: 910353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin - Back	Skin - Inguinal
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Thyroid Gland	Follicle	Hypertrophy	Minimal
Uterus		Hyperplasia	Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 316

TRT#: 6

SEX: Female

DAY ON TEST: 462

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Pituitary Gland	Salivary Glands	Skin - Back
Skin - Inguinal	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
Nose	Glands	Inflammation	Acute, Minimal
Ovary		Cyst	
Thyroid Gland	Follicle	Hypertrophy	Minimal
Uterus		Hyperplasia	Cystic, Glandular, Marked

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 321

TRT#: 6

SEX: Female

DAY ON TEST: 462

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Pituitary Gland	Salivary Glands	Skin - Inguinal	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Ovary		Luteoma	
Note: TGL 1 CYST NOT SEEN ON MICRO EXAM			
Skin	Back	Acanthosis	Minimal
Uterus		Hyperplasia	Cystic, Glandular, Moderate
[Hyperplasia TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 326

TRT#: 6

SEX: Female

DAY ON TEST: 611

DOSE: 10.0 MG/KG

DISP: Natural Death

HISTO: 910251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Mammary Gland	Nose	Pituitary Gland	Salivary Glands
Skin - Back	Skin - Inguinal	Spleen	Stomach - Forestomach
Thymus	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
Note: [CLEAR CL FOCUS] TGLs = 9-2.01			
Note: [HEPATOCLR ADEN] TGLs = 7,8-2+2.02			
Lymph Node	Mesenteric	Infiltration Cellular	Mild
Note: TGL 5 ENLARGED PANCREATIC LN IS MESENTERIC FAT NECROSIS			
Mesentery	Fat	Necrosis	Moderate
Note: [NECROSIS] TGLs = 2,5-5.1+13			
Ovary		Cyst	
Pancreas	Acinus	Atrophy	Mild
		Cyst	
		Inflammation	Chronic, Mild
Note: [CYST] TGLs = 6-5.01			
Skin	Fat, Subcut Tiss	Necrosis	Mild
Note: [NECROSIS] TGLs = 1-12			
Stomach	Glandular	Hemorrhage	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 326

TRT#: 6

SEX: Female

DAY ON TEST: 611

DOSE: 10.0 MG/KG

DISP: Natural Death

HISTO: 910251

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HEMORRHAGE] TGLs = 4-6

Thyroid Gland

Follicle

Hypertrophy

Minimal

Uterus

Hyperplasia

Cystic, Moderate

Note: [HYPERPLASIA] TGLs = 3-4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 327

TRT#: 6

SEX: Female

DAY ON TEST: 492

DOSE: 10.0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Kidney
Lymph Node - Mesenteric
Pituitary Gland
Thymus

Bone
Gallbladder
Intestine Small - Duodenum
Liver
Mammary Gland
Salivary Glands
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Nose
Skin - Inguinal
Trachea

MISSING

Ovary

OBSERVATIONS

Adrenal Gland
Brain
Heart
Islets, Pancreatic
Ovary

Capsule

Hyperplasia
Mineralization
Cardiomyopathy
Hyperplasia

Mild
Minimal
Minimal
Mild

Note: TGL 1 NOT ADDRESSED BECAUSE OVARIES, OVIDUCTS MISSING

Pancreas
Skin

Back

Cytoplasmic Alteration
Acanthosis
Squamous Cell Carcinoma

Minimal
Minimal

Note: [SQUAM CEL CARC] TGLs = 2-12

Spleen
Stomach
Uterus

Glandular

Hematopoietic Cell Proliferation
Mineralization
Hyperplasia

Moderate
Minimal
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 332

TRT#: 6

SEX: Female

DAY ON TEST: 462

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin - Back
Skin - Inguinal	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Mild
Thymus		Ectopic Parathyroid Gland	
Uterus		Hyperplasia	Cystic, Glandular, Marked
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 333	TRT#: 6	SEX: Female	DAY ON TEST: 393
	DOSE: 10.0 MG/KG	DISP: Natural Death	HISTO: 910258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Rectum	Kidney	Liver	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Pituitary Gland	Salivary Glands	Skin - Back	Skin - Inguinal
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node - Mesenteric	Parathyroid Gland	Spleen	
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AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Pancreas

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:14
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 334	TRT#: 6	SEX: Female	DAY ON TEST: 576
	DOSE: 10.0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Kidney	Lung	Mammary Gland	Salivary Glands
Skin - Back	Skin - Inguinal	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Capsule Capsule	Hyperplasia Lymphoma Malignant Mixed	Moderate
Gallbladder		Lymphoma Malignant Mixed	
Heart		Cardiomyopathy Lymphoma Malignant Mixed	Minimal
Intestine Small	Ileum Jejunum Jejunum	Inflammation Lymphoma Malignant Mixed Perforation	Acute, Marked
Note: [LYMPH MAL MIXD] TGLs = 4-6+6.01			
Note: [PERFORATION] TGLs = 4-6.01			
Liver		Clear Cell Focus Fatty Change Lymphoma Malignant Mixed	Mild
Note: [LYMPH MAL MIXD] TGLs = 5-2.01			
Lymph Node	Mandibular Mesenteric	Lymphoma Malignant Mixed Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 3-5.01			
Nose		Lymphoma Malignant Mixed	
Ovary		Cyst Lymphoma Malignant Mixed	
[Cyst TGLS = 2-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 334	TRT#: 6	SEX: Female	DAY ON TEST: 576
	DOSE: 10.0 MG/KG	DISP: Moribund Sacrifice	HISTO: 910259

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas		Inflammation	Acute, Mild
Pituitary Gland	Pars Distalis	Lymphoma Malignant Mixed Hyperplasia	Minimal
Spleen		Lymphoma Malignant Mixed	
Thymus		Lymphoma Malignant Mixed	
Note: [LYMPH MAL MIXD] TGLs = 6-5			
Tooth		Lymphoma Malignant Mixed	
Uterus		Hyperplasia Lymphoma Malignant Mixed Polyp Stromal	Cystic, Marked
Note: [HYPERPLASIA] TGLs = 1,7-4+4.01			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 339

TRT#: 6

SEX: Female

DAY ON TEST: 477

DOSE: 10.0 MG/KG

DISP: Natural Death

HISTO: 910264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin - Back	Skin - Inguinal	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Clear Cell Focus	
		Hemangiosarcoma	
[Clear Cell Focus TGLS = 2-2.01]			
Stomach	Forestomach	Inflammation	Chronic, Minimal
Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 343

TRT#: 6

SEX: Female

DAY ON TEST: 462

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Pituitary Gland
Salivary Glands	Skin - Back	Skin - Inguinal	Spleen
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Minimal
Stomach	Glandular	Cyst	
Uterus		Hyperplasia	Cystic, Glandular, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 346

TRT#: 6

SEX: Female

DAY ON TEST: 462

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin - Back
Skin - Inguinal	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Brain		Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2.01]			
Nose	Glands	Inflammation	Acute, Minimal
Ovary		Angiectasis	Minimal
Uterus		Hyperplasia	Cystic, Glandular, Moderate
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 348	TRT#: 6	SEX: Female	DAY ON TEST: 462
	DOSE: 10.0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 910273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin - Back	Skin - Inguinal
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Ovary		Cyst	
Uterus		Hyperplasia	Cystic, Glandular, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 351

TRT#: 6

SEX: Female

DAY ON TEST: 462

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin - Back	Skin - Inguinal	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]			
Nose	Glands	Inflammation	Acute, Minimal
Uterus		Hyperplasia	Cystic, Glandular, Marked
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 355

TRT#: 6

SEX: Female

DAY ON TEST: 462

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Pituitary Gland
Spleen
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Lung
Ovary
Salivary Glands
Stomach - Forestomach

Bone
Gallbladder
Intestine Small - Duodenum
Lymph Node - Mandibular
Pancreas
Skin - Back
Stomach - Glandular

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Skin - Inguinal
Trachea

OBSERVATIONS

Adrenal Gland
Bone Marrow
Heart
Islets, Pancreatic
Kidney
Liver

Capsule

Hyperplasia
Myelofibrosis
Cardiomyopathy
Hyperplasia
Nephropathy
Eosinophilic Focus
Hematopoietic Cell Proliferation

Mild
Minimal
Mild
Mild
Minimal

Nose
Thymus
Thyroid Gland
Uterus

Glands

Follicle

Inflammation
Ectopic Parathyroid Gland
Hypertrophy
Hyperplasia

Minimal
Acute, Minimal
Minimal
Cystic, Glandular, Marked

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 358 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 462
DOSE: 10.0 MG/KG **DISP:** Scheduled Sacrifice **HISTO:** 910283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Pancreas	Salivary Glands
Skin - Inguinal	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Minimal
Bone Marrow		Myelofibrosis	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
		Hyperplasia	Mild
[Hepatocellular Adenoma TGLS = 2-2]			
[Hyperplasia TGLS = 3-2.01]			
Nose	Glands	Inflammation	Acute, Minimal
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin	Back	Acanthosis	Mild
	Back	Ulcer	Minimal
Tooth		Abscess	Minimal
Uterus		Hyperplasia	Cystic, Glandular, Marked
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 370

TRT#: 6

SEX: Female

DAY ON TEST: 455

DOSE: 10.0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Minimal
Liver			
Note: TGL 7 PALE LIVER NOT SEEN ON MICRO EXAM			
Ovary		Cystadenoma	
[Cystadenoma TGLS = 4-4]			
Skin	Back	Acanthosis	Mild
	Inguinal, Subcut Tiss	Fibrosarcoma	
	Back	Ulcer	Mild
[Acanthosis TGLS = 1-11]			
[Fibrosarcoma TGLS = 2,3-11.01]			
[Ulcer TGLS = 1-11]			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 6-3]			
Thyroid Gland	Follicle	Hypertrophy	Minimal
Uterus		Hyperplasia	Cystic, Glandular, Moderate
[Hyperplasia TGLS = 5-4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 371

TRT#: 6

SEX: Female

DAY ON TEST: 462

DOSE: 10.0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 910296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - 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	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin - Back	Skin - Inguinal
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Bone Marrow		Myelofibrosis	Minimal
Ovary		Hematocyst	
Thyroid Gland	Follicular Cel Follicle	Hyperplasia Hypertrophy	Minimal Minimal
Uterus		Hyperplasia	Cystic, Glandular, Moderate

[Hyperplasia TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05069-09
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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

Date Report Requested: 10/21/2014
Time Report Requested: 01:16:15
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 373

TRT#: 6

SEX: Female

DAY ON TEST: 608

DOSE: 10.0 MG/KG

DISP: Moribund Sacrifice

HISTO: 910298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Clitoral Gland
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	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin - Inguinal	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Capsule	Hyperplasia	Mild
Bone		Inflammation	Chronic, Moderate
[Inflammation TGLS = 3-12]			
Brain		Hemorrhage	Mild
[Hemorrhage TGLS = 4-4]			
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Reticulum Cell, Mild
[Hyperplasia TGLS = 2-5]			
Nose	Glands	Inflammation	Acute, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
Skin	Back	Inflammation	Chronic, Minimal
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE