

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/21/2014
Time Report Requested: 01:17:16
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

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 Lab: TSI MASON

B6C3F1 Mouse Male 0 MG/KG	DAY ON TEST																											
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	6	7	7	5	4	4	7	4	7	7	5	4	7	6	4	4	7	7	7	7	4	7	4	7	7	7
	3	3	7	3	3	0	6	6	3	6	3	3	9	6	3	4	7	6	3	3	3	3	6	3	6	3	3	3
	1	1	7	1	1	8	3	3	1	3	1	1	8	3	1	8	1	3	1	1	1	1	3	1	1	1	2	1
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	0	0	0	0	0	0	0	1

Alimentary System

Esophagus																													
Gallbladder																													
Lymphoma Malignant Lymphocytic																													
Intestine Large, Cecum																													
Intestine Large, Colon																													
Intestine Large, Rectum																													
Intestine Small, Duodenum																													
Lymphoma Malignant Lymphocytic																													
Intestine Small, Ileum																													
Intestine Small, Jejunum																													
Liver																													
Hepatocellular Adenoma																													
Hepatocellular Carcinoma																													
Lymphoma Malignant Lymphocytic																													
Schwannoma Malignant, Metastatic, Salivary Glands																													
Mesentery																													
Hepatocellular Carcinoma, Metastatic, Liver																													
Lymphoma Malignant Lymphocytic																													
Pancreas																													
Salivary Glands																													

* ..Total animals with tissue examined microscopically; Total animals with tumor
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 X ..Lesion present
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B6C3F1 Mouse Male 0 MG/KG	DAY ON TEST																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	7	7	6	7	7	5	4	4	7	4	7	5	4	7	6	4	4	7	7	7	7	4	7	4	7	7	7	7	
	3	3	7	3	3	0	6	6	3	6	3	9	6	3	4	7	6	3	3	3	3	6	3	6	3	6	3	3	3
	1	1	7	1	1	8	3	3	1	3	1	8	3	1	8	1	3	1	1	1	1	1	1	1	1	1	2	2	2
Schwannoma Malignant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stomach, Forestomach	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stomach, Glandular	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cardiovascular System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heart	1	2	3	4	5	6	7	8	9	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3
Endocrine System																													
Adrenal Gland																													
Adrenal Gland, Cortex																													
Lymphoma Malignant Lymphocytic																													
Adrenal Gland, Medulla																													
Islets, Pancreatic																													
Parathyroid Gland																													
Pituitary Gland																													
Thyroid Gland																													
General Body System																													
NONE																													
Genital System																													
Epididymis																													
Preputial Gland																													
Prostate																													
Seminal Vesicle																													

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 Lab: TSI MASON

DAY ON TEST	ANIMAL ID																													
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B6C3F1 Mouse Male	7	7	6	7	7	5	4	4	7	4	7	7	5	4	7	6	4	4	7	7	7	7	4	7	4	7	7	7	7	
0 MG/KG	3	3	7	3	3	0	6	6	3	6	3	3	9	6	3	4	7	6	3	3	3	3	6	3	6	3	3	2	3	3
	1	1	7	1	1	8	3	3	1	3	1	1	8	3	1	8	1	3	1	1	1	1	1	1	1	1	1	2	3	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	2	3	4	5	6	7	8	9	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	1

Nervous System

Brain + + + + + + + + + +

Respiratory System

Lung + + + + + + + + + +
 Alveolar/Bronchiolar Adenoma X X
 Lymphoma Malignant Lymphocytic
 Nose + + + + + + + + + +
 Trachea + + + + + + + + + +

Special Senses System

NONE

Urinary System

Kidney + + + + + + + + + +
 Lymphoma Malignant Lymphocytic
 Urinary Bladder + + + + + + + + + +

SYSTEMIC LESIONS

Multiple Organ + + + + + + + + + +
 Lymphoma Malignant Lymphocytic

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Lab: TSI MASON

DAY ON TEST	ANIMAL ID																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B6C3F1 Mouse Male	7	4	7	6	7	6	7	7	7	4	7	7	4	7	7	7	7	7	7	7	6	4	7	7	7	7	7	7	7
0 MG/KG	3	6	3	9	3	1	3	3	3	6	3	3	3	6	0	3	3	3	3	3	5	2	3	3	3	3	3	3	3
	1	3	1	1	1	7	1	1	1	3	1	1	3	9	1	1	1	1	1	1	2	8	1	1	1	1	1	1	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Schwannoma Malignant																														
Stomach, Forestomach		+				+			+			+																		
Stomach, Glandular		+				+			+			+																		
Cardiovascular System																														
Heart		+				+			+			+																		
Endocrine System																														
Adrenal Gland		+									+				+															
Adrenal Gland, Cortex		+									+				+															
Lymphoma Malignant Lymphocytic											X																			
Adrenal Gland, Medulla		+									+				+															
Islets, Pancreatic		+									+				+															
Parathyroid Gland		+									+				+															
Pituitary Gland		+									+				+															
Thyroid Gland		+									+				+															
General Body System																														
NONE																														
Genital System																														
Epididymis		+									+				+															
Preputial Gland		+									+				+															
Prostate		+									+				+															
Seminal Vesicle		+									+				+															

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	7	4	7	6	7	6	7	7	7	4	7	7	7	4	7	7	7	7	7	7	6	4	7	7	7	7	7	7	7	
	3	6	3	9	3	1	3	3	3	6	3	3	3	6	0	3	3	3	3	3	5	2	3	3	3	3	3	3	3	
	1	3	1	1	1	7	1	1	1	3	1	1	1	3	9	1	1	1	1	1	2	8	1	1	1	1	1	1	1	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
Seminal Vesicle		+				+				+				+																
Lymphoma Malignant Lymphocytic																														
Testes		+				+				+				+																
Hematopoietic System																														
Bone Marrow		+				+				+				+																
Lymph Node																														
Mediastinal, Lymphoma Malignant Lymphocytic																														
Lymph Node, Mandibular		+				+				+				+																
Schwannoma Malignant, Metastatic, Salivary Glands																														
Lymph Node, Mesenteric		+				+				+				+																
Lymphoma Malignant Lymphocytic																														
Spleen		+				+				+				+																
Thymus		+				M				+				+																
Mixed Tumor Benign																														
Integumentary System																														
Mammary Gland																														
Skin		+				+				+				+																
Musculoskeletal System																														
Bone		+				+				+				+																

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CAS Number: 147-47-7

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Lab: TSI MASON

B6C3F1 Mouse Male 0 MG/KG	DAY ON TEST																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	4	7	6	7	6	7	7	7	4	7	7	4	7	7	7	7	7	7	7	6	4	7	7	7	7	7	7	7
	3	6	3	9	3	1	3	3	3	6	3	3	3	6	0	3	3	3	3	3	5	2	3	3	3	3	3	3	3
	1	3	1	1	1	7	1	1	1	3	1	1	1	3	9	1	1	1	1	1	2	8	1	1	1	1	1	1	1
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Nervous System

Brain + + + +

Respiratory System

Lung + + + +

Alveolar/Bronchiolar Adenoma X

Lymphoma Malignant Lymphocytic X

Nose + + + +

Trachea + + + +

Special Senses System

NONE

Urinary System

Kidney + + + +

Lymphoma Malignant Lymphocytic X

Urinary Bladder + + + +

SYSTEMIC LESIONS

Multiple Organ + + + +

Lymphoma Malignant Lymphocytic X

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Lab: TSI MASON

DAY ON TEST

B6C3F1 Mouse Male
0 MG/KG

ANIMAL ID

*TOTALS

Alimentary System

Esophagus	15
Gallbladder	14
Lymphoma Malignant Lymphocytic	1
Intestine Large, Cecum	14
Intestine Large, Colon	15
Intestine Large, Rectum	15
Intestine Small, Duodenum	13
Lymphoma Malignant Lymphocytic	1
Intestine Small, Ileum	14
Intestine Small, Jejunum	14
Liver	15
Hepatocellular Adenoma	3
Hepatocellular Carcinoma	3
Lymphoma Malignant Lymphocytic	1
Schwannoma Malignant, Metastatic, Salivary	1
Glands	
Mesentery	1
Hepatocellular Carcinoma, Metastatic, Liver	1
Lymphoma Malignant Lymphocytic	1
Pancreas	15
Salivary Glands	15
Schwannoma Malignant	1
Stomach, Forestomach	15

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DAY ON TEST

B6C3F1 Mouse Male
0 MG/KG

ANIMAL ID

*TOTALS

Stomach, Glandular	15
Cardiovascular System	
Heart	15
Endocrine System	
Adrenal Gland	14
Adrenal Gland, Cortex	15
Lymphoma Malignant Lymphocytic	1
Adrenal Gland, Medulla	15
Islets, Pancreatic	15
Parathyroid Gland	13
Pituitary Gland	15
Thyroid Gland	15
General Body System	
NONE	
Genital System	
Epididymis	15
Preputial Gland	15
Prostate	15
Seminal Vesicle	15
Lymphoma Malignant Lymphocytic	1
Testes	15

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B6C3F1 Mouse Male
0 MG/KG

ANIMAL ID

***TOTALS**

Hematopoietic System

Bone Marrow	15
Lymph Node	1
Mediastinal, Lymphoma Malignant	1
Lymphocytic	
Lymph Node, Mandibular	15
Schwannoma Malignant, Metastatic, Salivary	1
Glands	
Lymph Node, Mesenteric	15
Lymphoma Malignant Lymphocytic	1
Spleen	15
Thymus	14
Mixed Tumor Benign	1

Integumentary System

Mammary Gland	1
Skin	15

Musculoskeletal System

Bone	15
------	----

Nervous System

Brain	15
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Respiratory System

Lung	15
------	----

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DAY ON TEST

B6C3F1 Mouse Male
0 MG/KG

ANIMAL ID	*TOTALS
Alveolar/Bronchiolar Adenoma	3
Lymphoma Malignant Lymphocytic	1
Nose	15
Trachea	15
Special Senses System	
NONE	
Urinary System	
Kidney	15
Lymphoma Malignant Lymphocytic	1
Urinary Bladder	15
SYSTEMIC LESIONS	
Multiple Organ	15
Lymphoma Malignant Lymphocytic	1

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	7	7	7	7	7	6	4	4	7	7	7	7	7	7	7	7	7	7	7	4	4	7	7	7	7	7	7	7	7	
	3	3	3	3	3	7	6	6	3	3	3	3	3	3	3	3	3	3	3	6	6	3	3	3	3	3	3	3	3	
	1	1	1	1	1	4	3	3	1	1	1	1	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
Adrenal Gland																														
Adrenal Gland, Cortex																														
Adrenal Gland, Medulla																														
Islets, Pancreatic																														
Parathyroid Gland																														
Pituitary Gland																														
Thyroid Gland																														
General Body System																														
NONE																														
Genital System																														
Epididymis																														
Penis																														
Preputial Gland																														
Prostate																														
Seminal Vesicle																														
Testes																														
Hematopoietic System																														
Bone Marrow																														
Lymph Node																														
Lymph Node, Mandibular																														
Lymph Node, Mesenteric																														

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
 CAS Number: 147-47-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:17:19
 First Dose M/F: NA / NA
 Lab: TSI MASON

DAY ON TEST	ANIMAL ID																															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B6C3F1 Mouse Male	7	7	7	7	7	6	4	4	7	7	7	7	7	7	7	7	7	7	7	4	4	7	7	7	7	7	7	7	7	7		
6.0 MG/K	3	3	3	3	3	7	6	6	3	3	3	3	3	3	3	3	3	3	3	6	6	3	3	3	3	3	3	3	3	3		
	1	1	1	1	1	4	3	3	1	1	1	1	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9		
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0		
Spleen																																
Thymus																																
Integumentary System																																
Mammary Gland																																
Skin																																
Musculoskeletal System																																
Bone																																
Nervous System																																
Brain																																
Respiratory System																																
Lung																																
Alveolar/Bronchiolar Adenoma																																
Alveolar/Bronchiolar Carcinoma																																
Nose																																
Trachea																																
Special Senses System																																
NONE																																
Urinary System																																
Kidney																																

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 05069-09

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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

CAS Number: 147-47-7

Date Report Requested: 10/21/2014

Time Report Requested: 01:17:19

First Dose M/F: NA / NA

Lab: TSI MASON

B6C3F1 Mouse Male 6.0 MG/K	DAY ON TEST																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	6	4	4	7	7	7	7	7	7	7	7	7	7	7	4	4	7	7	7	7	7	7	7	7
	3	3	3	3	3	7	6	6	3	3	3	3	3	3	3	3	3	3	6	6	3	3	3	3	3	3	3	3	3
	1	1	1	1	1	4	3	3	1	1	1	1	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
Urinary Bladder								+	+												+	+							
SYSTEMIC LESIONS																													
Multiple Organ								+	+												+	+							

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 05069-09

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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

CAS Number: 147-47-7

Date Report Requested: 10/21/2014

Time Report Requested: 01:17:19

First Dose M/F: NA / NA

Lab: TSI MASON

B6C3F1 Mouse Male 6.0 MG/K	DAY ON TEST																													
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	4	7	7	7	6	7	5	4	7	7	7	7	4	6	7	6	7	4	4	7	5	6	4	7	7	7	4	7	7	
ANIMAL ID	6	3	3	3	9	3	9	6	3	3	3	3	6	7	3	6	3	6	6	3	7	5	6	3	3	3	7	3	3	
	3	0	0	0	8	0	2	3	0	0	0	0	3	3	0	7	0	3	3	0	9	1	3	0	0	0	1	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
Adrenal Gland	+							+	+																					
Adrenal Gland, Cortex	+							+	+																					
Adrenal Gland, Medulla	+							+	+																					
Islets, Pancreatic	+							+	+																					
Parathyroid Gland	M							+	+																					
Pituitary Gland	+							+	+																					
Thyroid Gland	+							+	+																					
General Body System																														
NONE																														
Genital System																														
Epididymis	+							+	+																					
Penis																														
Preputial Gland	+							+	+																					
Prostate	+							+	+																					
Seminal Vesicle	+							+	+																					
Testes	+							+	+																					
Hematopoietic System																														
Bone Marrow	+							+	+																					
Lymph Node								+																						
Lymph Node, Mandibular	+							+	+																					
Lymph Node, Mesenteric	+							+	+																					

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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BLANK ..Not examined microscopically

Experiment Number: 05069-09

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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

CAS Number: 147-47-7

Date Report Requested: 10/21/2014

Time Report Requested: 01:17:19

First Dose M/F: NA / NA

Lab: TSI MASON

B6C3F1 Mouse Male 6.0 MG/K	DAY ON TEST																																			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
ANIMAL ID	4	7	7	7	6	7	5	4	7	7	7	7	4	6	7	6	7	4	4	7	5	6	4	7	7	7	4	7	7							
	6	3	3	3	9	3	9	6	3	3	3	3	6	7	3	6	3	6	6	3	7	5	6	3	3	3	7	3	3							
	3	0	0	0	8	0	2	3	0	0	0	0	3	3	0	7	0	3	3	0	9	1	3	0	0	0	1	0	0							
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1							
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0							
Spleen									+	+									+	+	M					+					M					
Thymus									+	+									+					+	+					A						
Integumentary System																																				
Mammary Gland									M	M									M					M	M					M	+					M
Skin									+	+									+					+	+					+	+					+
Musculoskeletal System																																				
Bone									+	+									+					+	+					+	+					+
Nervous System																																				
Brain									+	+									+					+	+					+	+					+
Respiratory System																																				
Lung									+	+									+					+	+					+	+					+
Alveolar/Bronchiolar Adenoma										X																										
Alveolar/Bronchiolar Carcinoma										X																										
Nose									+	+									+					+	+					+	+					+
Trachea									+	+									+					+	+					+	+					+
Special Senses System																																				
NONE																																				
Urinary System																																				
Kidney									+	+									+					+	+					+	+					+

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/21/2014
Time Report Requested: 01:17:20
First Dose M/F: NA / NA
Lab: TSI MASON

DAY ON TEST

B6C3F1 Mouse Male
6.0 MG/K

ANIMAL ID

*TOTALS

Alimentary System

Esophagus	13
Gallbladder	10
Intestine Large, Cecum	12
Intestine Large, Colon	12
Intestine Large, Rectum	12
Intestine Small, Duodenum	12
Intestine Small, Ileum	12
Intestine Small, Jejunum	12
Liver	13
Hepatocellular Adenoma	5
Hepatocellular Carcinoma	2
Pancreas	12
Salivary Glands	13
Stomach, Forestomach	12
Stomach, Glandular	12
Tongue	1
Squamous Cell Carcinoma	1

Cardiovascular System

Heart	13
-------	----

Endocrine System

Adrenal Gland	10
---------------	----

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
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M ..Missing tissue
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Experiment Number: 05069-09

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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

CAS Number: 147-47-7

Date Report Requested: 10/21/2014

Time Report Requested: 01:17:20

First Dose M/F: NA / NA

Lab: TSI MASON

DAY ON TEST

**B6C3F1 Mouse Male
6.0 MG/K**

ANIMAL ID	*TOTALS
<hr/>	
Adrenal Gland, Cortex	13
Adrenal Gland, Medulla	13
Islets, Pancreatic	12
Parathyroid Gland	10
Pituitary Gland	13
Thyroid Gland	13
General Body System	
NONE	
Genital System	
Epididymis	13
Penis	1
Preputial Gland	13
Prostate	13
Seminal Vesicle	13
Testes	13
Hematopoietic System	
Bone Marrow	13
Lymph Node	1
Lymph Node, Mandibular	13
Lymph Node, Mesenteric	12
Spleen	11
Thymus	12

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/21/2014
Time Report Requested: 01:17:20
First Dose M/F: NA / NA
Lab: TSI MASON

DAY ON TEST

B6C3F1 Mouse Male
6.0 MG/K

ANIMAL ID	*TOTALS
Integumentary System	
Mammary Gland	1
Skin	13
Musculoskeletal System	
Bone	13
Nervous System	
Brain	12
Respiratory System	
Lung	13
Alveolar/Bronchiolar Adenoma	1
Alveolar/Bronchiolar Carcinoma	1
Nose	13
Trachea	13
Special Senses System	
NONE	
Urinary System	
Kidney	13
Urinary Bladder	13
SYSTEMIC LESIONS	
Multiple Organ	13

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
 CAS Number: 147-47-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:17:20
 First Dose M/F: NA / NA
 Lab: TSI MASON

B6C3F1 Mouse Male 10.0 MG/KG	DAY ON TEST																													
	0 6 8 4	0 7 2 9	0 7 2 9	0 7 2 2	0 4 6 3	0 4 6 3	0 4 6 3	0 3 1 6	0 7 2 9	0 7 2 9	0 5 7 6	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 7 2 9	0 6 4 9	0 7 2 9	0 7 2 9	0 6 2 9	0 7 2 9	0 5 6 6	0 7 2 3	0 4 6 3	0 4 6 3	0 4 6 3	0 7 2 9	0 7 2 9	0 7 2 9	
ANIMAL ID	0 0 1 2 1	0 0 1 2 2	0 0 1 2 3	0 0 1 2 4	0 0 1 2 5	0 0 1 2 6	0 0 1 2 7	0 0 1 2 8	0 0 1 2 9	0 0 1 3 0	0 0 1 3 1	0 0 1 3 2	0 0 1 3 3	0 0 1 3 3	0 0 1 3 3	0 0 1 3 3	0 0 1 3 3	0 0 1 3 3	0 0 1 3 3	0 0 1 3 3	0 0 1 3 4	0 0 1 3 4	0 0 1 3 4	0 0 1 3 4	0 0 1 3 4	0 0 1 3 4	0 0 1 3 4	0 0 1 3 4	0 0 1 3 4	0 0 1 3 4
Adrenal Gland					+	+			+																					
Adrenal Gland, Cortex					+	+	+	+		+										+		+	+	+						
Adrenal Gland, Medulla					+	+	+	+		+										+		+	+	+						
Islets, Pancreatic					+	+	+	A		+										+		+	+	+						
Carcinoma																							X							
Parathyroid Gland					+	+	+	+		+										+		+	+	+						
Pituitary Gland					+	+	+	+		+										+		+	+	+						
Thyroid Gland					+	+	+	+		+										+		+	+	+						
Follicular Cel, Adenoma																														
General Body System																														
NONE																														
Genital System																														
Epididymis					+	+	+	+		+										+		+	+	+						
Penis																				+										
Preputial Gland					+	+	+	+		+										+		+	+	+						
Prostate					+	+	+	+		+										+		+	+	+						
Seminal Vesicle					+	+	+	+		+										+		+	+	+						
Testes					+	+	+	+		+										+		+	+	+						
Hematopoietic System																														
Bone Marrow					+	+	+	+		+										+		+	+	+						
Lymph Node, Mandibular					+	+	+	+		+										+		+	+	+						

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 05069-09

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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

CAS Number: 147-47-7

Date Report Requested: 10/21/2014

Time Report Requested: 01:17:21

First Dose M/F: NA / NA

Lab: TSI MASON

DAY ON TEST	ANIMAL ID																														
	064	067	068	069	070	071	072	073	074	075	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	
B6C3F1 Mouse Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10.0 MG/KG	6	7	7	7	4	4	4	3	7	7	5	7	7	7	7	7	6	7	7	6	7	7	5	7	4	4	4	7	7	7	7
	8	2	2	2	6	6	6	1	2	2	7	2	2	2	2	4	2	2	1	2	2	6	2	6	6	6	2	2	2	2	
	4	9	9	2	3	3	3	6	9	9	6	9	9	9	9	9	9	9	9	9	9	9	6	9	3	3	3	9	9	9	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
Urinary Bladder					+	+	+	+			+								+			+		+	+	+					
SYSTEMIC LESIONS																															
Multiple Organ					+	+	+	+			+								+			+		+	+	+					

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
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Experiment Number: 05069-09
 Test Type: CHRONIC
 Route: DERMAL,SOLUTION
 Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
 CAS Number: 147-47-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:17:21
 First Dose M/F: NA / NA
 Lab: TSI MASON

B6C3F1 Mouse Male 10.0 MG/KG	DAY ON TEST																															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ANIMAL ID	7	7	7	7	7	4	7	7	7	7	7	7	7	4	7	4	7	7	6	7	6	7	4	6	7	7	7	7	7			
	2	2	2	2	2	6	2	2	2	2	2	3	3	6	3	6	3	3	5	3	5	3	6	5	3	6	3	3	3			
	9	9	9	9	9	3	9	9	9	9	9	0	0	3	0	3	0	0	5	0	9	0	3	6	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8			
	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0			
Lymph Node, Mesenteric							+																									
Spleen							+																									
Thymus							+																									
Integumentary System																																
Mammary Gland							M									M	M								M							
Skin							+									+	+								+							
Musculoskeletal System																																
Bone							+																									
Nervous System																																
Brain							+																									
Respiratory System																																
Lung							+																									
Nose							+																									
Trachea							+																									
Special Senses System																																
Harderian Gland																																
Adenoma																																
Urinary System																																
Kidney							+																									

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/21/2014
Time Report Requested: 01:17:21
First Dose M/F: NA / NA
Lab: TSI MASON

DAY ON TEST

B6C3F1 Mouse Male
10.0 MG/KG

ANIMAL ID

*TOTALS

Alimentary System

Esophagus	14
Gallbladder	11
Intestine Large, Cecum	13
Intestine Large, Colon	13
Intestine Large, Rectum	13
Intestine Small, Duodenum	13
Intestine Small, Ileum	12
Intestine Small, Jejunum	12
Liver	14
Carcinoma, Metastatic, Islets, Pancreatic	1
Hepatocellular Adenoma	4
Mesentery	1
Pancreas	13
Salivary Glands	14
Stomach, Forestomach	13
Stomach, Glandular	13
Tooth	2

Cardiovascular System

Heart	14
-------	----

Endocrine System

Adrenal Gland	10
---------------	----

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/21/2014
Time Report Requested: 01:17:21
First Dose M/F: NA / NA
Lab: TSI MASON

DAY ON TEST

B6C3F1 Mouse Male
10.0 MG/KG

ANIMAL ID	*TOTALS
Adrenal Gland, Cortex	14
Adrenal Gland, Medulla	14
Islets, Pancreatic	13
Carcinoma	1
Parathyroid Gland	13
Pituitary Gland	14
Thyroid Gland	14
Follicular Cel, Adenoma	1
General Body System	
NONE	
Genital System	
Epididymis	14
Penis	1
Preputial Gland	14
Prostate	14
Seminal Vesicle	14
Testes	14
Hematopoietic System	
Bone Marrow	14
Lymph Node, Mandibular	14
Lymph Node, Mesenteric	13
Spleen	14

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/21/2014
Time Report Requested: 01:17:21
First Dose M/F: NA / NA
Lab: TSI MASON

DAY ON TEST

B6C3F1 Mouse Male
10.0 MG/KG

ANIMAL ID	*TOTALS
Thymus	14
Integumentary System	
Mammary Gland	1
Skin	14
Musculoskeletal System	
Bone	14
Nervous System	
Brain	13
Respiratory System	
Lung	14
Nose	14
Trachea	14
Special Senses System	
Harderian Gland	1
Adenoma	1
Urinary System	
Kidney	14
Urinary Bladder	14
SYSTEMIC LESIONS	
Multiple Organ	14

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 05069-09

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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

CAS Number: 147-47-7

Date Report Requested: 10/21/2014

Time Report Requested: 01:17:21

First Dose M/F: NA / NA

Lab: TSI MASON

END OF MALE DATA

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 05069-09

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/21/2014

Time Report Requested: 01:17:22

First Dose M/F: NA / NA

Lab: TSI MASON

DAY ON TEST	ANIMAL ID																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B6C3F1 Mouse Female	7	7	7	4	7	7	4	7	7	4	7	1	7	4	7	7	7	7	4	5	4	7	7	7	7	4	7	4	7
0 MG/KG	3	3	3	6	3	2	6	3	3	6	3	9	3	6	3	3	3	3	6	9	6	3	3	0	3	3	6	6	3
	6	6	6	2	6	2	2	6	6	2	5	1	6	2	6	6	6	6	2	5	2	6	6	6	6	2	6	2	6
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4
Stomach, Glandular				+			+				+		A		+					+	+	+					+	+	
Cardiovascular System																													
Heart				+			+				+		+		+						+	+	+				+	+	
Adenocarcinoma, Metastatic, Uncertain Primary Site																													
Endocrine System																													
Adrenal Gland				+			+				+		+		+						+	+	+				+	+	
Adrenal Gland, Cortex				+			+				+		+		+						+	+	+				+	+	
Adrenal Gland, Medulla				+			+				+		+		+						+	+	+				+	+	
Islets, Pancreatic				+			+				+		A		+						+	+	+				+	+	
Adenoma																													
Parathyroid Gland				+			+				+		M		+						+	+	M				M	+	
Pituitary Gland				+			M				+		M		+						+	+	+				+	+	
Thyroid Gland				+			+				+		+		+						+	+	+				+	+	
General Body System																													
NONE																													
Genital System																													
Clitoral Gland				+			+				+		+		+						M	+	+				+	+	
Ovary				+			+				+		A		+						+	+	+				+	+	
Cystadenoma																													
Uterus				+			+				+		+		+						+	+	+				+	+	

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
 CAS Number: 147-47-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:17:22
 First Dose M/F: NA / NA
 Lab: TSI MASON

DAY ON TEST	ANIMAL ID																													
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B6C3F1 Mouse Female	7	7	7	4	7	7	4	7	7	4	7	1	7	4	7	7	7	7	4	5	4	7	7	7	7	4	7	4	7	
0 MG/KG	3	3	3	6	3	2	6	3	3	6	3	9	3	6	3	3	3	3	6	9	6	3	3	0	3	3	6	3	6	3
	6	6	6	2	6	2	2	6	6	2	5	1	6	2	6	6	6	6	2	5	2	6	6	6	6	6	2	6	2	6
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Brain				+			+				+				+						+	+	+				+		+	
Respiratory System																														
Lung				+			+				+				+						+	+	+				+		+	
Adenocarcinoma, Metastatic, Mammary Gland																														
Nose				+			+				+				+						+	+	+				+		+	
Trachea				+			+				+				+						+	+	+				+		+	
Special Senses System																														
NONE																														
Urinary System																														
Kidney				+			+				+				+						+	+	+				+		+	
Adenocarcinoma, Metastatic, Mammary Gland																														
Urinary Bladder				+			+				+	A		+							+	+	+				+		+	
SYSTEMIC LESIONS																														
Multiple Organ				+			+				+				+						+	+	+				+		+	

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

Experiment Number: 05069-09

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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

CAS Number: 147-47-7

Date Report Requested: 10/21/2014

Time Report Requested: 01:17:23

First Dose M/F: NA / NA

Lab: TSI MASON

DAY ON TEST

B6C3F1 Mouse Female
0 MG/KG

ANIMAL ID

*TOTALS

Alimentary System

Esophagus	18
Gallbladder	16
Intestine Large, Cecum	18
Intestine Large, Colon	17
Intestine Large, Rectum	19
Intestine Small, Duodenum	17
Intestine Small, Ileum	16
Intestine Small, Jejunum	17
Liver	19
Adenocarcinoma, Metastatic, Mammary Gland	1
Hepatocellular Adenoma	1
Hepatocellular Adenoma, Multiple	2
Hepatocellular Carcinoma	1
Mesentery	3
Pancreas	18
Adenocarcinoma, Metastatic, Mammary Gland	1
Salivary Glands	19
Adenocarcinoma, Metastatic, Mammary Gland	1
Stomach, Forestomach	19
Stomach, Glandular	18

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/21/2014
Time Report Requested: 01:17:23
First Dose M/F: NA / NA
Lab: TSI MASON

DAY ON TEST

B6C3F1 Mouse Female
0 MG/KG

ANIMAL ID

*TOTALS

Cardiovascular System

Heart	19
Adenocarcinoma, Metastatic, Uncertain Primary Site	1

Endocrine System

Adrenal Gland	19
Adrenal Gland, Cortex	19
Adrenal Gland, Medulla	19
Islets, Pancreatic	18
Adenoma	1
Parathyroid Gland	13
Pituitary Gland	17
Thyroid Gland	19

General Body System

NONE

Genital System

Clitoral Gland	18
Ovary	18
Cystadenoma	1
Uterus	19

Hematopoietic System

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/21/2014
Time Report Requested: 01:17:23
First Dose M/F: NA / NA
Lab: TSI MASON

DAY ON TEST

B6C3F1 Mouse Female
0 MG/KG

ANIMAL ID	*TOTALS
Bone Marrow	19
Lymph Node	1
Mediastinal, Adenocarcinoma, Metastatic,	1
Mammary Gland	
Lymph Node, Mandibular	19
Lymph Node, Mesenteric	18
Spleen	19
Hemangiosarcoma	1
Thymus	19
Integumentary System	
Mammary Gland	19
Adenocarcinoma	1
Skin	19
Subcut Tiss, Hemangiosarcoma	1
Musculoskeletal System	
Bone	19
Skeletal Muscle	1
Adenocarcinoma, Metastatic, Mammary	1
Gland	
Nervous System	
Brain	19
Respiratory System	

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/21/2014
Time Report Requested: 01:17:23
First Dose M/F: NA / NA
Lab: TSI MASON

DAY ON TEST

B6C3F1 Mouse Female
0 MG/KG

ANIMAL ID	*TOTALS
Lung	19
Adenocarcinoma, Metastatic, Mammary Gland	1
Nose	19
Trachea	19
Special Senses System	
NONE	
Urinary System	
Kidney	19
Adenocarcinoma, Metastatic, Mammary Gland	1
Urinary Bladder	18
SYSTEMIC LESIONS	
Multiple Organ	19

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
 CAS Number: 147-47-7

Date Report Requested: 10/21/2014
 Time Report Requested: 01:17:24
 First Dose M/F: NA / NA
 Lab: TSI MASON

DAY ON TEST	ANIMAL ID																													
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B6C3F1 Mouse Female	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
6.0 MG/K	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5
Brain																														
Respiratory System																														
Lung																														
Alveolar/Bronchiolar Adenoma																														
Hepatocellular Carcinoma, Metastatic, Liver																														
Sarcoma Stromal, Metastatic, Uterus																														
Nose																														
Trachea																														
Special Senses System																														
NONE																														
Urinary System																														
Kidney																														
Sarcoma Stromal, Metastatic, Uterus																														
Urinary Bladder																														
SYSTEMIC LESIONS																														
Multiple Organ																														

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/21/2014
Time Report Requested: 01:17:25
First Dose M/F: NA / NA
Lab: TSI MASON

DAY ON TEST

B6C3F1 Mouse Female
6.0 MG/K

ANIMAL ID

*TOTALS

Alimentary System

Esophagus	13
Gallbladder	13
Intestine Large, Cecum	13
Sarcoma Stromal, Metastatic, Uterus	1
Intestine Large, Colon	13
Intestine Large, Rectum	12
Intestine Small, Duodenum	13
Intestine Small, Ileum	12
Intestine Small, Jejunum	13
Liver	13
Hepatocellular Adenoma	1
Hepatocellular Carcinoma	1
Sarcoma Stromal, Metastatic, Uterus	1
Mesentery	1
Pancreas	13
Sarcoma Stromal, Metastatic, Uterus	1
Salivary Glands	13
Stomach, Forestomach	13
Stomach, Glandular	13

Cardiovascular System

Heart	13
Sarcoma Stromal, Metastatic, Uterus	1

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/21/2014
Time Report Requested: 01:17:25
First Dose M/F: NA / NA
Lab: TSI MASON

DAY ON TEST

B6C3F1 Mouse Female
6.0 MG/K

ANIMAL ID

*TOTALS

Endocrine System

Adrenal Gland	13
Capsule, Sarcoma Stromal, Metastatic, Uterus	1
Adrenal Gland, Cortex	13
Adrenal Gland, Medulla	13
Islets, Pancreatic	13
Parathyroid Gland	11
Pituitary Gland	12
Pars Distalis, Adenoma	2
Thyroid Gland	13

General Body System

NONE

Genital System

Clitoral Gland	13
Ovary	13
Cystadenoma	1
Sarcoma Stromal, Metastatic, Uterus	1
Uterus	13
Sarcoma Stromal	2

Hematopoietic System

Bone Marrow	13
-------------	----

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/21/2014
Time Report Requested: 01:17:25
First Dose M/F: NA / NA
Lab: TSI MASON

DAY ON TEST

B6C3F1 Mouse Female
6.0 MG/K

ANIMAL ID	*TOTALS
Sarcoma Stromal, Metastatic, Uterus	1
Lymph Node	1
Iliac, Sarcoma Stromal, Metastatic, Uterus	1
Mediastinal, Sarcoma Stromal, Metastatic, Uterus	1
Renal, Sarcoma Stromal, Metastatic, Uterus	1
Lymph Node, Mandibular	13
Sarcoma Stromal, Metastatic, Uterus	1
Lymph Node, Mesenteric	13
Sarcoma Stromal, Metastatic, Uterus	1
Spleen	13
Sarcoma Stromal, Metastatic, Uterus	1
Thymus	12
Integumentary System	
Mammary Gland	13
Skin	13
Musculoskeletal System	
Bone	13
Nervous System	
Brain	13
Respiratory System	
Lung	13

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/21/2014
Time Report Requested: 01:17:25
First Dose M/F: NA / NA
Lab: TSI MASON

DAY ON TEST

B6C3F1 Mouse Female
6.0 MG/K

ANIMAL ID	*TOTALS
Alveolar/Bronchiolar Adenoma	1
Hepatocellular Carcinoma, Metastatic, Liver	1
Sarcoma Stromal, Metastatic, Uterus	1
Nose	13
Trachea	13
Special Senses System	
NONE	
Urinary System	
Kidney	13
Sarcoma Stromal, Metastatic, Uterus	1
Urinary Bladder	13
SYSTEMIC LESIONS	
Multiple Organ	13

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

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

B6C3F1 Mouse Female 10.0 MG/KG	DAY ON TEST																														
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	4	7	7	7	7	4	7	7	7	7	6	4	7	7	7	4	3	5	7	6	7	7	4	7	7	4	6	6	4		
	6	3	3	3	3	6	3	3	3	3	1	9	3	3	3	6	9	7	3	2	3	2	7	3	3	3	6	7	8	6	
	2	5	5	5	5	2	0	5	5	5	1	2	5	5	5	2	3	6	5	3	5	7	7	5	5	5	2	2	8	2	
Ovary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cystadenoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Luteoma	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Lymphoma Malignant Mixed	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Uterus	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	
Hematopoietic System																															
Bone Marrow	+					+					+	+				+	+	+				+				+				+	
Lymph Node, Mandibular	+					+					+	+				+	+	+				+				+				+	
Lymph Node, Mesenteric	+					+					+	+				+	M	+				+				+				+	
Spleen	+					+					+	+				+	M	+				+				+				+	
Thymus	+					+					+	+				+	+	+				+				+				+	
Integumentary System																															
Mammary Gland	+					+					+	+				+	+	+				+				+				+	
Skin	+					+					+	+				+	+	+				+				+				+	
Inguinal, Subcut Tiss, Fibrosarcoma																															
Squamous Cell Carcinoma																															

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Experiment Number: 05069-09

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/21/2014

Time Report Requested: 01:17:26

First Dose M/F: NA / NA

Lab: TSI MASON

DAY ON TEST	ANIMAL ID																															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
B6C3F1 Mouse Female	4	7	7	7	7	4	7	7	7	7	6	4	7	7	7	7	4	3	5	7	6	7	7	4	7	7	4	6	6	4		
10.0 MG/KG	6	3	3	3	3	6	3	3	3	3	1	9	3	3	3	6	9	7	3	2	3	2	7	3	3	3	6	7	8	6		
	2	5	5	5	5	2	0	5	5	5	1	2	5	5	5	2	3	6	5	3	5	7	7	5	5	5	2	2	8	2		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4		
	6	7	8	9	0	1	2	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6

Musculoskeletal System

Bone + + + + + + + + + + +

Nervous System

Brain + + + + + + + + + + +

Respiratory System

Lung + + + + + + + + + + +

Nose + + + + + + + + + + +

Lymphoma Malignant Mixed X

Trachea + + + + + + + + + + +

Special Senses System

NONE

Urinary System

Kidney + + + + + + + + + + +

Urinary Bladder + + + + + + + + + + +

SYSTEMIC LESIONS

Multiple Organ + + + + + + + + + + +

Lymphoma Malignant Mixed X

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)
CAS Number: 147-47-7

Date Report Requested: 10/21/2014
Time Report Requested: 01:17:26
First Dose M/F: NA / NA
Lab: TSI MASON

DAY ON TEST

B6C3F1 Mouse Female

10.0 MG/KG

ANIMAL ID

*TOTALS

Alimentary System

Esophagus	17
Gallbladder	16
Lymphoma Malignant Mixed	1
Intestine Large, Cecum	16
Intestine Large, Colon	16
Intestine Large, Rectum	17
Intestine Small, Duodenum	15
Intestine Small, Ileum	16
Intestine Small, Jejunum	16
Lymphoma Malignant Mixed	1
Liver	17
Hemangiosarcoma	1
Hepatocellular Adenoma	4
Hepatocellular Adenoma, Multiple	1
Lymphoma Malignant Mixed	1
Mesentery	1
Pancreas	16
Lymphoma Malignant Mixed	1
Salivary Glands	17
Stomach, Forestomach	17
Stomach, Glandular	17
Tooth	2

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First Dose M/F: NA / NA
Lab: TSI MASON

DAY ON TEST

B6C3F1 Mouse Female

10.0 MG/KG

ANIMAL ID	*TOTALS
Lymphoma Malignant Mixed	1
Cardiovascular System	
Heart	17
Lymphoma Malignant Mixed	1
Endocrine System	
Adrenal Gland	17
Capsule, Lymphoma Malignant Mixed	1
Adrenal Gland, Cortex	17
Adrenal Gland, Medulla	17
Islets, Pancreatic	16
Parathyroid Gland	11
Pituitary Gland	17
Lymphoma Malignant Mixed	1
Pars Distalis, Adenoma	1
Thyroid Gland	17
General Body System	
NONE	
Genital System	
Clitoral Gland	17
Ovary	16
Cystadenoma	1
Luteoma	1

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

DAY ON TEST

B6C3F1 Mouse Female
10.0 MG/KG

ANIMAL ID	*TOTALS
Lymphoma Malignant Mixed	1
Uterus	17
Lymphoma Malignant Mixed	1
Polyp Stromal	1
Hematopoietic System	
Bone Marrow	17
Lymph Node, Mandibular	17
Lymphoma Malignant Mixed	1
Lymph Node, Mesenteric	16
Lymphoma Malignant Mixed	1
Spleen	16
Lymphoma Malignant Mixed	1
Thymus	16
Lymphoma Malignant Mixed	1
Integumentary System	
Mammary Gland	17
Skin	17
Inguinal, Subcut Tiss, Fibrosarcoma	1
Squamous Cell Carcinoma	1
Musculoskeletal System	
Bone	17
Nervous System	

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Lab: TSI MASON

DAY ON TEST

B6C3F1 Mouse Female
10.0 MG/KG

	ANIMAL ID	*TOTALS
Brain		17
Respiratory System		
Lung		17
Nose		17
Lymphoma Malignant Mixed		1
Trachea		17
Special Senses System		
NONE		
Urinary System		
Kidney		17
Urinary Bladder		17
SYSTEMIC LESIONS		
Multiple Organ		17
Lymphoma Malignant Mixed		1

**** END OF REPORT ****

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