

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

C Number:	C61609D
Lock Date:	07/14/1993
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	07/10/1996

Experiment Number: 05067-10
Test Type: CHRONIC
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Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Mild
		Vacuolization Cytoplasmic	Moderate
	[Hepatocellular Adenoma TGLS = 1-6]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	
	Hepatocyte	Inflammation	Chronic, Mild
		Karyomegaly	Mild
		Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 1-21]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Hyperplasia	Histiocytic, Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-2-1]		
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 485
	DOSE: VEHICLE CONTROL	DISP: Natural Death	HISTO: 92-61337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Islets, Pancreatic	* Kidney	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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AUTO PRECLUDES DIAG.

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

* Bone Marrow		Hyperplasia	Moderate
* Brain		Hemorrhage	Moderate
[Hemorrhage TGLS = 9-1]			
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 6-21,7-22,10-23]		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-6,10-23]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Pancreatic	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-7]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-5]			
Mesentery		Histiocytic Sarcoma	
Note: LESION ON SLIDE #2-1			
* Skin	Subcut Tiss	Edema	Moderate
[Edema TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 485
	DOSE: VEHICLE CONTROL	DISP: Natural Death	HISTO: 92-61337

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 3-6]

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	
	Necrosis	Focal, Minimal
	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 2-6]		
[Necrosis TGLS = 2-6]		
* Preputial Gland	Degeneration	Cystic, Moderate
	Inflammation	Chronic, Moderate
[Degeneration TGLS = 1-8]		
[Inflammation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 704
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: 92-64237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Brain		Necrosis	Moderate
* Heart		Thrombosis	Moderate
* Intestine Small, Duodenum		Inflammation	Chronic, Focal, Moderate
		Leiomyosarcoma	
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic, Mild
			[Hepatocellular Adenoma TGLS = 2-22,3-23]
* Lung		Hyperplasia	Histiocytic, Mild
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
* Pancreas	Artery	Hypertrophy	Moderate
* Preputial Gland		Degeneration	Cystic, Marked
		Inflammation	Chronic, Marked
			[Degeneration TGLS = 1-21]
			[Inflammation TGLS = 1-21]
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	Multiple
	Inflammation	Chronic, Mild
	Hepatocyte	Moderate
	[Hepatocellular Adenoma TGLS = 1-21,2-22,3-23,4-24]	
* Lymph Node, Mesenteric	Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Epididymis	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-21]			
Lymph Node	Mediastinal	Hemorrhage	Mild
* Lymph Node, Mesenteric		Hemorrhage	Minimal
[Hemorrhage TGLS = 1-5]			
* Preputial Gland		Degeneration	Cystic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
Tooth		Developmental Malformation	Mild
[Developmental Malformation TGLS = 3-9-1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 8 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 438
DOSE: VEHICLE CONTROL **DISP:** Moribund Sacrifice **HISTO:** 92-60890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-2,3-2-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
[Hyperplasia TGLS = 4-4,4-4-1]			
[Inflammation TGLS = 4-4,4-4-1]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
Tissue NOS	Mediastinum	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-21]			

PRIMARY CAUSE OF DEATH - Lung Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Theophylline

CAS Number: 58-55-9

Date Report Requested: 10/22/2014

Time Report Requested: 13:08:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 9	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|------------------------------------|------------|---------------------------|-------------------|
| * Kidney | | Nephropathy | Mild |
| * Liver | | Inflammation | Chronic, Moderate |
| | Hepatocyte | Karyomegaly | Moderate |
| | | Vacuolization Cytoplasmic | Mild |
| [Inflammation TGLS = 2-6] | | | |
| * Lymph Node, Mesenteric | | Lymphoma Malignant | |
| [Lymphoma Malignant TGLS = 3-21] | | | |
| * Preputial Gland | | Degeneration | Cystic, Mild |
| [Degeneration TGLS = 1-8] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-6]			
* Lung		Hemorrhage	Mild
		Lymphoma Malignant	
[Hemorrhage TGLS = 7-2-1]			
[Lymphoma Malignant TGLS = 7-2-1]			
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Lymphoma Malignant	
Mesentery		Hemorrhage	Moderate
[Hemorrhage TGLS = 4-21]			
* Pancreas	Acinus	Atrophy	Focal, Moderate
	Duct	Cyst	Mild
[Cyst TGLS = 5-7]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-7,2-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 10	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64241

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Moderate
	[Hematopoietic Cell Proliferation TGLS = 3-6] [Lymphoma Malignant TGLS = 3-6]		
Tooth		Developmental Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 635

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: 92-63146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis	Granuloma Sperm	Marked
	Inflammation	Chronic, Moderate
* Kidney	Nephropathy	Moderate
* Liver	Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 1-21,2-22,3-23,4-24]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 5-2]		
* Lymph Node, Mesenteric	Ectasia	Mild
Mesentery	Hemorrhage	Moderate
[Hemorrhage TGLS = 1-21]		
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Adrenal Medulla	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Inflammation	Chronic, Minimal
	Hepatocyte	Karyomegaly	Mild
		Sarcoma	
* Lung			
[Sarcoma TGLS = 2-2]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Mesentery		Inflammation	Chronic, Moderate
	Fat	Necrosis	Moderate
[Inflammation TGLS = 4-21]			
[Necrosis TGLS = 4-21]			
* Spleen		Fibrosis	Focal, Mild
		Hematopoietic Cell Proliferation	Moderate
Note: LESION ON CAPSULE			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 13 TRT#: 1 SEX: Male DAY ON TEST: 627
DOSE: VEHICLE CONTROL DISP: Moribund Sacrifice HISTO: 92-63147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Carcinoma	
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Mild
	[Eosinophilic Focus TGLS = 1-21]		
	[Hepatocellular Carcinoma TGLS = 2-22]		
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 700

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: 92-64243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Preputial Gland
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic, Mild
		Necrosis	Focal, Moderate
[Hepatocellular Carcinoma TGLS = 2-21]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
Mesentery	Artery	Inflammation	Chronic, Moderate
Note: SITE IS PANCREAS			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 15	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* 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	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
	Inflammation	Chronic, Mild
[Hepatocellular Carcinoma TGLS = 2-6]		
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-2-1]		
* Lymph Node, Mesenteric	Hemorrhage	Mild
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]		
* Thyroid Gland	Follicular Cel	Hyperplasia
		Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 605

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: 92-63148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Minimal
* Bone Marrow	Hyperplasia	Mild
* Intestine Small, Jejunum	Polyp Adenomatous	
[Polyp Adenomatous TGLS = 6-23]		
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	Multiple
	Inflammation	Chronic, Minimal
	Necrosis	Focal, Minimal
[Hepatocellular Adenoma TGLS = 7-25]		
[Hepatocellular Carcinoma TGLS = 3-21,4-22]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric	Hemorrhage	Minimal
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Stomach, Forestomach	Epithelium	Hyperplasia
		Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 17 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 676
DOSE: VEHICLE CONTROL **DISP:** Natural Death **HISTO:** 92-64245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic, Moderate
	Hepatocyte	Karyomegaly	Moderate
	[Hepatocellular Carcinoma TGLS = 1-21]		
	[Inflammation TGLS = 2-6]		
* Lung		Hemorrhage	Mild
		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 18	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Epididymis	Spermatocele	Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Mild
* Liver	Eosinophilic Focus	Mild
Note: FOCUS IS ON SLIDE #6		
* Lung	Hemorrhage	Minimal
Tooth	Developmental Malformation	Moderate
[Developmental Malformation TGLS = 2-9,2-21]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 19	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
	Hepatocyte	Karyomegaly	Moderate

[Inflammation TGLS = 1-21]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 703

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: 92-64248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
Spinal Cord	* Spleen	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Heart		Inflammation	Chronic, Focal, Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Moderate
[Hepatocellular Adenoma TGLS = 3-23]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-22]			
* Preputial Gland		Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-21]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 21	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	Multiple
	Inflammation	Chronic, Mild
[Hepatocellular Carcinoma TGLS = 2-6]		
* Stomach, Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-4-1]		
* Thymus	Cyst	Mild
Tooth	Developmental Malformation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 22	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Cyst	Minimal
* Kidney	Nephropathy	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-2-1]		
* Preputial Gland	Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 23	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
[Hemorrhage TGLS = 2-5]			
Mesentery	Artery	Thrombosis	Moderate
[Thrombosis TGLS = 2-5]			
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Minimal
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 711

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: 92-64252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Thrombosis	Marked
Note: BACTERIAL ENDOCARDITIS			
* Kidney		Inflammation	Suppurative, Moderate
		Inflammation	Chronic, Moderate
* Liver		Eosinophilic Focus	Mild
		Necrosis	Focal, Minimal
* Lymph Node, Mandibular		Hyperplasia	Histiocytic, Mild
Mesentery		Thrombosis	Moderate
Note: LESION ON SLIDE #5			
* Nose		Inflammation	Suppurative, Mild
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild
* Thymus		Cyst	Minimal
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
Tooth		Developmental Malformation	Moderate
Note: MOLARS INVOLVED			

PRIMARY CAUSE OF DEATH

- Heart Thrombosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 711

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: 92-64252

ORGAN AND ACCOUNTABLE SITE STATUS

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hemangiosarcoma	
		Inflammation	Chronic, Moderate
[Hemangiosarcoma TGLS = 1-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery	Artery	Inflammation	Chronic, Moderate
Note: LESION ON SLIDE #7			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-21]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 26	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Cyst	Minimal
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 27	TRT#: 1 DOSE: VEHICLE CONTROL	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 635 HISTO: 92-63149
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Hemangiosarcoma	
* Kidney	Nephropathy	Mild
* Liver	Hemangiosarcoma	
	Hepatocellular Adenoma	Multiple
	Necrosis	Focal, Minimal
[Hemangiosarcoma TGLS = 3-22]		
[Hepatocellular Adenoma TGLS = 3-22,4-23]		
* Lung	Hyperplasia	Histiocytic, Minimal
[Hyperplasia TGLS = 5-2-1]		
* Seminal Vesicle	Cyst	Mild
[Cyst TGLS = 1-7-2]		
Skeletal Muscle	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 6-24]		
* Spleen	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-21]		
* Testes	Cyst	Mild
	Mineralization	Focal, Mild
Note: CYST CONTAINS SPERM		
Tooth	Developmental Malformation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 635

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: 92-63149

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Spleen Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Theophylline

CAS Number: 58-55-9

Date Report Requested: 10/22/2014

Time Report Requested: 13:08:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | |
|--|--------------------------|----------------|
| * Adrenal Cortex | Hypertrophy | Focal, Minimal |
| * Kidney | Nephropathy | Mild |
| * Liver | Hepatocellular Adenoma | |
| | Hepatocellular Carcinoma | |
| [Hepatocellular Adenoma TGLS = 3-22] | | |
| [Hepatocellular Carcinoma TGLS = 2-21] | | |
| * Preputial Gland | Degeneration | Cystic, Mild |
| [Degeneration TGLS = 1-8] | | |
| * Thymus | Cyst | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 29	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Bone Marrow		Hemangiosarcoma	
* Kidney		Nephropathy	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic, Moderate
	[Inflammation TGLS = 2-22]		
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 3-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic, Mild
Note: SLIDE #6			
[Hepatocellular Adenoma TGLS = 5-23]			
[Hepatocellular Carcinoma TGLS = 2-21,3-22]			
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
[Hyperplasia TGLS = 4-4-1]			
* Thyroid Gland	Follicle	Cyst	Mild
	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Mild
	[Hepatocellular Adenoma TGLS = 3-6]		
* Preputial Gland		Degeneration	Cystic, Mild
		[Degeneration TGLS = 1-8]	
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		[Hyperplasia TGLS = 4-4-1]	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 700

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: 92-64259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

Harderian Gland		Adenoma	
* Heart		Carcinoma	Metastatic (Kidney)
* Kidney		Carcinoma	Metastatic (Lung)
[Carcinoma TGLS = 3-21,4-22]			
* Liver		Clear Cell Focus	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 6-2]			
Lymph Node	Mediastinal	Carcinoma	Metastatic (Lung)
Note: LESION IN LYMPH NODE NOT THYMUS			
[Carcinoma TGLS = 5-2]			
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Ulcer	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- Kidney Carcinoma Lung

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 33	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Nephropathy	Moderate
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
	Inflammation	Chronic, Mild
	Vacuolization Cytoplasmic	Mild
[Hepatocellular Carcinoma TGLS = 2-21]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2-1]		
* Preputial Gland	Degeneration	Cystic, Minimal
[Degeneration TGLS = 1-8]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic, Moderate
	Hepatocyte	Karyomegaly	Mild
	[Hepatocellular Carcinoma TGLS = 3-6]		
* Lymph Node, Mesenteric		Ectasia	Mild
		Hemorrhage	Moderate
	[Ectasia TGLS = 2-5]		
	[Hemorrhage TGLS = 2-5]		
* Preputial Gland		Degeneration	Cystic, Mild
	[Degeneration TGLS = 1-21]		
* Stomach, Glandular		Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Mild
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-22]		
* Lung	Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]		
* Preputial Gland	Degeneration	Cystic, Mild
[Degeneration TGLS = 1-21]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 701

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: 92-64263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Cyst	Mild
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 5-21]		
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
Penis		Angiectasis	Moderate
	[Angiectasis TGLS = 3-23]		
* Preputial Gland		Degeneration	Cystic, Moderate
	[Degeneration TGLS = 1-8]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 37	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-21]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-2-1]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
	[Hemorrhage TGLS = 2-5]		
* Pituitary Gland	Pars Distalis	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Mild
		Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 2-6]			
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-21]			
* Prostate	Epithelium	Hyperplasia	Focal, Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
Tooth		Developmental Malformation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]		
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-2-1]	Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric	Hemorrhage	Mild
* Preputial Gland	Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]	Inflammation	Chronic, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
* Thymus	Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 40	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Moderate
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	Mild
		Inflammation	Chronic, Moderate
	Hepatocyte	Karyomegaly	Mild
		Vacuolization Cytoplasmic	Mild

[Eosinophilic Focus TGLS = 1-6]

[Inflammation TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 41 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 730
DOSE: VEHICLE CONTROL **DISP:** Terminal Sacrifice **HISTO:** 92-64268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Cyst	Mild
		Nephropathy	Mild
* Liver		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Mild
		Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-2-1]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
	[Hemorrhage TGLS = 1-5]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 42	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	
	Inflammation	Chronic, Mild
	Hepatocyte	Mild
	Karyomegaly	Minimal
	Vacuolization Cytoplasmic	
[Hepatocellular Adenoma TGLS = 1-21]		
* Lymph Node, Mesenteric	Hemorrhage	Mild
* Preputial Gland	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* 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	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic, Moderate
	Hepatocyte	Karyomegaly	Mild
	[Hepatocellular Carcinoma TGLS = 3-6]		
	[Inflammation TGLS = 3-6]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Ectasia	Mild
		Hemorrhage	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Degeneration	Cystic, Mild
		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64270

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 44 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 730
DOSE: VEHICLE CONTROL **DISP:** Terminal Sacrifice **HISTO:** 92-64271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Preputial Gland		Degeneration	Cystic, Moderate
		Inflammation	Chronic, Moderate
[Degeneration TGLS = 1-21]			
[Inflammation TGLS = 1-21]			
* Testes	Germinal Epith	Degeneration	Mild
Tooth		Developmental Malformation	Moderate
[Developmental Malformation TGLS = 3-9]			
Urethra			
Note: MUCOUS PLUG PRESENT			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 45	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* 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	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	Moderate
	Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 1-6]		
[Hepatocellular Adenoma TGLS = 1-6]		
* Lung	Alveolar/Bronchiolar Adenoma	
	Alveolar/Bronchiolar Carcinoma	
	Hyperplasia	Histiocytic, Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 2-2-1]		
[Alveolar/Bronchiolar Carcinoma TGLS = 2-2-1]		
Tooth	Developmental Malformation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 46	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Angiectasis	Mild
* Kidney		Nephropathy	Minimal
* Pituitary Gland		Angiectasis	Mild
* Preputial Gland	Pars Distalis	Hyperplasia	Focal, Mild
		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 47 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 627
DOSE: VEHICLE CONTROL **DISP:** Moribund Sacrifice **HISTO:** 92-63150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney	Congestion	Moderate
	Nephropathy	Mild
* Liver	Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2-21,3-22]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 4-2-1,5-2-2]		
Mesentery Artery	Inflammation	Chronic, Moderate
Note: SITE IS PANCREAS ON SLIDE #7		
* Spleen	Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 48	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2-6]		
[Hepatocellular Carcinoma TGLS = 2-6]		
* Preputial Gland	Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-21]		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic, Mild
Note: LESIONS ALSO ON SLIDES 6 & 6-1 [Hepatocellular Carcinoma TGLS = 2-21]			
* Parathyroid Gland		Cyst	Minimal
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-22]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-21]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 6-2-1]		
* Lymph Node, Mesenteric	Hemorrhage	Moderate
[Hemorrhage TGLS = 5-5]		
* Preputial Gland	Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-8]		
* Spleen	Depletion Cellular	Minimal
[Depletion Cellular TGLS = 3-6]		
* Thymus	Atrophy	Moderate
Tooth	Developmental Malformation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 51 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 627
DOSE: 15 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 92-63170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Heart Note: SITE IS ATRIUM [Thrombosis TGLS = 4-22]	Thrombosis	Moderate
* Kidney	Nephropathy	Mild
* Liver [Hepatocellular Carcinoma TGLS = 3-21]	Hepatocellular Carcinoma	
* Lymph Node, Mesenteric [Hemorrhage TGLS = 2-5]	Hemorrhage	Mild
* Preputial Gland [Degeneration TGLS = 1-8]	Degeneration	Cystic, Moderate
* Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 52	TRT#: 3	SEX: Male	DAY ON TEST: 725
	DOSE: 15 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Stomach, Glandular		Mineralization	Minimal
* Thyroid Gland	Follicle	Cyst	Moderate
		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 53	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 15 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Prostate
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OBSERVATIONS

* Kidney		Nephropathy	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 54

TRT#: 3

SEX: Male

DAY ON TEST: 562

DOSE: 15 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-62081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Epididymis	Lymphoma Malignant	
* Intestine Small, Jejunum	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-23]		
* Kidney	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]		
* Liver	Angiectasis	Mild
Note: LESION ON SLIDE #6	Lymphoma Malignant	
[Angiectasis TGLS = 5-21]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-5]		
* Nose	Lymphoma Malignant	
* Preputial Gland	Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]		
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Thymus	Atrophy	Moderate
	Cyst	Mild
* Thyroid Gland	Degeneration	Cystic, Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 54

TRT#: 3

SEX: Male

DAY ON TEST: 562

DOSE: 15 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-62081

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Intestine Small, Jejunum Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 55

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 15 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 3-22]		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	Mild
		Inflammation	Chronic, Minimal
		Vacuolization Cytoplasmic	Minimal
Note: LESION ON SLIDE #6			
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 2-2-1]		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 56

TRT#: 3

SEX: Male

DAY ON TEST: 627

DOSE: 15 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-63171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Heart		Hemorrhage	Moderate
		Inflammation	Chronic, Focal, Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-22]			
* Skin	Dermis	Fibrosis	Mild
	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 2-21]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild
Tooth		Developmental Malformation	Moderate

PRIMARY CAUSE OF DEATH

- Heart Hemorrhage

CONTRIBUTORY CAUSE OF DEATH

- Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 15 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Small, Jejunum [Lymphoma Malignant TGLS = 4-22]		Lymphoma Malignant	
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Eosinophilic Focus	Moderate
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Moderate
	Hepatocyte	Inflammation	Chronic, Moderate
[Hepatocellular Adenoma TGLS = 6-23]		Karyomegaly	Moderate
[Hyperplasia TGLS = 5-6]			
[Inflammation TGLS = 5-6]			
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-24]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-21]			
* Pancreas		Inflammation	Chronic, Moderate
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 57	TRT#: 3 DOSE: 15 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 92-64676
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hematopoietic Cell Proliferation TGLS = 2-6]	Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 8-25]	Squamous Cell Papilloma	
* Thyroid Gland	Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Theophylline

CAS Number: 58-55-9

Date Report Requested: 10/22/2014

Time Report Requested: 13:08:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 58

TRT#: 3

SEX: Male

DAY ON TEST: 522

DOSE: 15 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-62082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Hepatocellular Carcinoma Inflammation	Chronic, Mild
[Hepatocellular Carcinoma TGLS = 4-21]		
* Preputial Gland	Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8,2-8]		
* Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 59

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 15 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Marked
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	Mild
	Eosinophilic Focus	Moderate
	Hepatocellular Adenoma	Multiple
	Vacuolization Cytoplasmic	Mild

[Eosinophilic Focus TGLS = 1-21]

[Hepatocellular Adenoma TGLS = 2-22,3-23]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 60 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 729
DOSE: 15 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 92-64678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma Necrosis	Focal, Mild
[Hepatocellular Carcinoma TGLS = 2-21]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 4-2]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-22]			
Mesentery	Artery	Inflammation	Chronic, Moderate
[Inflammation TGLS = 3-22]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Cyst	Moderate
	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 15 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Necrosis	Focal, Moderate
	[Hepatocellular Adenoma TGLS = 2-6]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland		Degeneration	Cystic, Mild
	[Degeneration TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild
* Thymus		Atrophy	Moderate
		Cyst	Minimal
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 62 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 729
DOSE: 15 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 92-64680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Cranium	Hyperostosis	Mild
Note: THE FEMUR IS NORMAL [Hyperostosis TGLS = 4-23]			
* Gallbladder		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatodiaphragmatic Nodule	Mild
		Inflammation	Chronic, Minimal
[Hepatocellular Adenoma TGLS = 2-21] [Hepatodiaphragmatic Nodule TGLS = 3-22]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Preputial Gland		Degeneration	Cystic, Moderate
		Inflammation	Chronic, Moderate
[Degeneration TGLS = 1-8] [Inflammation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 15 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule Cytoplasmic Alteration Hypertrophy	Mild Focal, Mild Focal, Mild
* Kidney		Nephropathy	Marked
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation	Mild Chronic, Mild
[Hyperplasia TGLS = 2-21]			
[Inflammation TGLS = 2-21]			
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 64	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 15 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
	Inflammation	Chronic, Mild
Note: LIVER LESIONS ALSO ON SLIDE #6 [Hepatocellular Carcinoma TGLS = 3-22]		
* Preputial Gland	Degeneration	Cystic, Mild
[Degeneration TGLS = 1-21]		
* Stomach, Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-4-1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 569

DOSE: 15 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-62083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular	* Testes
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Kidney		Nephropathy	Minimal
[Nephropathy TGLS = 8-5]			
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 7-22]		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 6-6,7-22]			
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 9-5]			
Mesentery		Histiocytic Sarcoma	
	Fat	Necrosis	Mild
[Necrosis TGLS = 4-21]			
* Pancreas	Acinus	Atrophy	Diffuse, Mild
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 2-8]			
* Prostate		Histiocytic Sarcoma	
* Skin	Subcut Tiss	Edema	Mild
[Edema TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 65	TRT#: 3 DOSE: 15 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 569 HISTO: 92-62083
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Urinary Bladder		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-23]			

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 15 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* 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	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Mild
		Inflammation	Chronic, Mild
		Necrosis	Focal, Moderate
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 6-21]			
[Necrosis TGLS = 6-21]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 4-2-1,5-2-2]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
[Hemorrhage TGLS = 2-5]			
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 15 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 4-21]			
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Mild
		Vacuolization Cytoplasmic	Mild
[Inflammation TGLS = 3-6]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Pancreas	Duct	Cyst	Mild
[Cyst TGLS = 1-7]			
* Preputial Gland		Degeneration	Cystic, Mild
		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 725

DOSE: 15 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Chronic, Mild
	[Hepatocellular Adenoma TGLS = 3-6]		
	[Hepatocellular Carcinoma TGLS = 3-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 5-2-1]		
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hemorrhage	Minimal
	[Hemorrhage TGLS = 4-5]		
* Pancreas	Acinus	Atrophy	Diffuse, Moderate
	Duct	Cyst	Moderate
	[Cyst TGLS = 2-7]		
* Preputial Gland		Degeneration	Cystic, Mild
	[Degeneration TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 15 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Epididymis		Granuloma Sperm	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-21]			
* Parathyroid Gland		Cyst	Mild
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Thyroid Gland	Follicle	Cyst	Mild
Tooth		Developmental Malformation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 70	TRT#: 3 DOSE: 15 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 725 HISTO: 92-64687
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Minimal
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 2-21]			
[Hepatocellular Adenoma TGLS = 3-22]			
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 71	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 15 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	Mild
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Mild
* Pituitary Gland		Angiectasis	Minimal
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 72	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 15 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis	Granuloma Sperm	Moderate
* Kidney	Nephropathy	Mild
* Liver	Inflammation	Chronic, Minimal
* Lung	Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 3-2-1,4-2-2]		
* Lymph Node, Mesenteric	Hemorrhage	Mild
[Hemorrhage TGLS = 2-5]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Theophylline

CAS Number: 58-55-9

Date Report Requested: 10/22/2014

Time Report Requested: 13:08:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 725

DOSE: 15 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Mammary Gland

INSUFFICIENT TISSUE

- * Thymus

OBSERVATIONS

- | | | | |
|--|----------|------------------------|-------------------|
| * Kidney | | Nephropathy | Mild |
| * Liver | | Hepatocellular Adenoma | Multiple |
| [Hepatocellular Adenoma TGLS = 2-21,3-22,4-23] | | | |
| * Preputial Gland | | Degeneration | Cystic, Moderate |
| | | Inflammation | Chronic, Moderate |
| * Thyroid Gland | Follicle | Cyst | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 74	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 15 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	
	Inflammation	Chronic, Mild
	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 2-6]		
[Inflammation TGLS = 2-6]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-7]		
* Stomach, Forestomach	Inflammation	Chronic, Mild
	Ulcer	Mild
[Inflammation TGLS = 3-4-1]		
[Ulcer TGLS = 3-4-1]		
* Thyroid Gland	Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 75	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 15 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

Harderian Gland		Inflammation	Chronic, Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Moderate
		Mixed Cell Focus	Mild
		Vacuolization Cytoplasmic	Mild
[Inflammation TGLS = 2-6]			
[Vacuolization Cytoplasmic TGLS = 2-6]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 76 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 729
DOSE: 15 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 92-64693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Mild
	[Inflammation TGLS = 2-6]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-2-1]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Preputial Gland		Degeneration	Cystic, Moderate
	[Degeneration TGLS = 1-21]		
* Thyroid Gland		Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 698

DOSE: 15 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Moderate
		Vacuolization Cytoplasmic	Mild
[Hepatocellular Carcinoma TGLS = 5-22]			
* Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Renal	Hyperplasia	Moderate
[Hyperplasia TGLS = 6-23]			
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 2-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 3-6]			
* Stomach, Forestomach		Ulcer	Mild
Tooth		Developmental Malformation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 698

DOSE: 15 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64694

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 78	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 15 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-2-1]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
	[Hemorrhage TGLS = 3-5]		
* Preputial Gland		Degeneration	Cystic, Moderate
	[Degeneration TGLS = 1-21]		
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Theophylline

CAS Number: 58-55-9

Date Report Requested: 10/22/2014

Time Report Requested: 13:08:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 15 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Medulla
- * Brain
- * Heart
- * Intestine Small, Duodenum
- * Liver
- * Pancreas
- * Salivary Glands
- * Stomach, Forestomach
- * Trachea

- * Blood Vessel
- * Epididymis
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Mandibular
- * Parathyroid Gland
- * Seminal Vesicle
- * Testes
- * Urinary Bladder

- * Bone
- * Esophagus
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mesenteric
- * Pituitary Gland
- * Skin
- * Thymus

- * Bone Marrow
- * Gallbladder
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Nose
- * Prostate
- * Spleen
- * Thyroid Gland

MISSING

- * Mammary Gland

OBSERVATIONS

- * Adrenal Cortex
- * Kidney
- * Lung
- * Preputial Gland
- [Degeneration TGLS = 1-21]
- * Stomach, Glandular

Capsule

- Adenoma
- Nephropathy
- Hemorrhage
- Degeneration
- Mineralization

- Mild
- Minimal
- Cystic, Mild
- Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 15 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Focal, Moderate
* Kidney		Hypertrophy	Focal, Marked
* Liver		Nephropathy	Mild
		Hemangiosarcoma	Multiple
		Hepatocellular Adenoma	
		Inflammation	Chronic, Mild
[Hepatocellular Adenoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-23]			
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 511

DOSE: 15 MG/KG

DISP: Natural Death

HISTO: 92-62084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Heart
* Liver	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Preputial Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Pancreas	* Spleen
* Stomach, Glandular	* Thymus	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
* Lung		Congestion	Moderate
* Prostate		Inflammation	Chronic, Moderate
* Seminal Vesicle		Inflammation	Chronic, Moderate
* Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-21]			
Urethra		Inflammation	Chronic, Mild
[Inflammation TGLS = 9-22]			

PRIMARY CAUSE OF DEATH

- Bone Marrow Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 82

TRT#: 3

SEX: Male

DAY ON TEST: 725

DOSE: 15 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Focal, Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Inflammation	Chronic, Mild
	[Hepatocellular Adenoma TGLS = 2-21]	Karyomegaly	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery		Inflammation	Chronic, Mild
* Preputial Gland		Degeneration	Cystic, Moderate
		Inflammation	Chronic, Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 83	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 15 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Mild
	[Hepatocellular Carcinoma TGLS = 3-23]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
	[Hyperplasia TGLS = 4-4-1]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 84	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 15 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 3-21]		
[Hepatocellular Carcinoma TGLS = 4-22]		
* Preputial Gland	Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]		
* Spleen	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-6]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 85

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 15 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Metaplasia	Osseous, Focal, Mild
		Nephropathy	Mild
* Liver		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Moderate
		Necrosis	Focal, Mild
		Vacuolization Cytoplasmic	Mild
[Inflammation TGLS = 3-6]			
[Necrosis TGLS = 3-6]			
[Vacuolization Cytoplasmic TGLS = 3-6]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-21]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Mild
		Squamous Cell Papilloma	
[Hyperplasia TGLS = 5-4-2]			
[Inflammation TGLS = 5-4-2]			
[Squamous Cell Papilloma TGLS = 4-4-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 85

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 15 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64701

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland
Tooth

Degeneration
Developmental Malformation

Cystic, Focal, Minimal
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 15 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 3-21]		Adenoma	
* Kidney		Nephropathy	Mild
* Lymph Node, Mesenteric [Hemorrhage TGLS = 1-5]		Hemorrhage	Minimal
* Seminal Vesicle		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland [Carcinoma TGLS = 2-3]	Follicular Cel	Carcinoma Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 87	TRT#: 3	SEX: Male	DAY ON TEST: 521
	DOSE: 15 MG/KG	DISP: Natural Death	HISTO: 92-62085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

INSUFFICIENT TISSUE

* Preputial Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Congestion	Marked
	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-22]		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 15 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Kidney	Nephropathy	Mild
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 89	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 15 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	
	Inflammation	Chronic, Mild
[Hepatocellular Adenoma TGLS = 2-21]		
* Preputial Gland	Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 15 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Mild
[Hepatocellular Adenoma TGLS = 2-6]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Moderate
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
Tooth		Developmental Malformation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 554

DOSE: 15 MG/KG

DISP: Natural Death

HISTO: 92-62086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Moderate
[Inflammation TGLS = 2-6]			
* Lung		Foreign Body	Mild
Note: SITE IS PERIVASCULAR			
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 15 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-22]			
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 3-5]			
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Carcinoma	
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Mild
[Hepatocellular Carcinoma TGLS = 5-21]			
[Inflammation TGLS = 4-6]			
* Lymph Node, Mesenteric		Pigmentation	Mild
[Pigmentation TGLS = 6-5]			
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 93	TRT#: 3	SEX: Male	DAY ON TEST: 633
	DOSE: 15 MG/KG	DISP: Natural Death	HISTO: 92-63172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Necrosis	Focal, Moderate
[Necrosis TGLS = 2-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild
* Thymus		Necrosis	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 94	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 15 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Degeneration	Cystic, Moderate
		Inflammation	Chronic, Moderate
[Degeneration TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Mineralization	Minimal
Note: MINERALIZATION IN MUSCLE OF WALL			
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 95	TRT#: 3	SEX: Male	DAY ON TEST: 421
	DOSE: 15 MG/KG	DISP: Moribund Sacrifice	HISTO: 92-60891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Large, Rectum	* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

Lymph Node [Hyperplasia TGLS = 1-21]	Inguinal	Hyperplasia	Lymphoid, Moderate
Mesentery [Sarcoma TGLS = 2-22]		Sarcoma	
* Spleen [Hematopoietic Cell Proliferation TGLS = 4-6]		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Mesentery Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 725

DOSE: 15 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Mild
* Kidney	Nephropathy	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Inflammation	Chronic, Moderate
* Stomach, Glandular	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 711

DOSE: 15 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Intestine Large, Cecum		Inflammation	Chronic, Mild
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	Multiple
		Inflammation	Chronic, Moderate
[Hemangiosarcoma TGLS = 4-6]			
[Inflammation TGLS = 4-6]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Pancreas			
Note: DEPLETION OF ZYMOGEN GRANULES			
* Preputial Gland		Degeneration	Cystic, Moderate
		Inflammation	Chronic, Moderate
[Degeneration TGLS = 2-8]			
[Inflammation TGLS = 2-8]			
* Skin	Subcut Tiss	Edema	Mild
[Edema TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 711

DOSE: 15 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64709

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 706

DOSE: 15 MG/KG

DISP: Natural Death

HISTO: 92-64710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Moderate
		Necrosis	Focal, Minimal
		[Hepatocellular Carcinoma TGLS = 3-22]	
		[Inflammation TGLS = 2-6]	
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Preputial Gland		Degeneration	Cystic, Mild
		[Degeneration TGLS = 1-21]	
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Note: LESION ON SLIDE # 6	
		[Hyperplasia TGLS = 5-24]	
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Theophylline

CAS Number: 58-55-9

Date Report Requested: 10/22/2014

Time Report Requested: 13:08:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 464

DOSE: 15 MG/KG

DISP: Natural Death

HISTO: 92-61338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Bone Marrow
- * Gallbladder
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Nose
- * Preputial Gland
- * Skin
- * Testes
- * Urinary Bladder

- * Adrenal Medulla
- * Brain
- * Heart
- * Intestine Small, Duodenum
- * Lung
- * Pancreas
- * Prostate
- * Spleen
- * Thymus

- * Blood Vessel
- * Epididymis
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Mandibular
- * Parathyroid Gland
- * Salivary Glands
- * Stomach, Forestomach
- * Thyroid Gland

- * Bone
- * Esophagus
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mesenteric
- * Pituitary Gland
- * Seminal Vesicle
- * Stomach, Glandular
- * Trachea

MISSING

- * Mammary Gland

OBSERVATIONS

- * Kidney Nephropathy Minimal
- * Liver Hepatocellular Carcinoma Multiple

[Hepatocellular Carcinoma TGLS = 2-21,3-22]

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 635

DOSE: 15 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-63173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney	Inflammation	Suppurative, Moderate
	Nephropathy	Moderate
* Preputial Gland	Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]		
* Thyroid Gland	Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

- Kidney Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 101

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	Moderate
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Moderate
[Eosinophilic Focus TGLS = 2-22]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 102

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 103

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic, Moderate
	Hepatocyte	Karyomegaly	Mild
		Necrosis	Focal, Moderate
		[Hepatocellular Adenoma TGLS = 1-21,3-23]	
		[Hepatocellular Carcinoma TGLS = 2-22]	
		[Necrosis TGLS = 2-22]	
* Lung		Alveolar/Bronchiolar Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Theophylline

CAS Number: 58-55-9

Date Report Requested: 10/22/2014

Time Report Requested: 13:08:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 104

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | |
|--|----------------------------------|-------------|
| * Adrenal Cortex | Hypertrophy | Focal, Mild |
| * Kidney | Nephropathy | Minimal |
| * Liver | Hepatocellular Carcinoma | |
| [Hepatocellular Carcinoma TGLS = 1-21] | | |
| * Spleen | Hematopoietic Cell Proliferation | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 105

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Lymphoid, Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
* Kidney		Nephropathy	Mild
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 106

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* 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	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Eosinophilic Focus	Mild
[Eosinophilic Focus TGLS = 2-21]		
* Lymph Node, Mesenteric	Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 107

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Necrosis	Focal, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-2-1]			
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-21]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-22]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 5-23]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 108

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	Minimal
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic, Minimal
[Hepatocellular Carcinoma TGLS = 3-6]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 2-22]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 109	TRT#: 5	SEX: Male	DAY ON TEST: 730
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	Moderate
[Eosinophilic Focus TGLS = 2-21]			
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 110

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
	Hepatocyte	Karyomegaly	Moderate
		Vacuolization Cytoplasmic	Mild
[Inflammation TGLS = 2-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-2-1]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-21]			
* Thyroid Gland	Follicle	Cyst	Minimal
		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 111	TRT#: 5 DOSE: 50 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 725 HISTO: 92-64591
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 112

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Metaplasia	Osseous, Focal, Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Moderate
		Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 3-6]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 113

TRT#: 5

SEX: Male

DAY ON TEST: 556

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 92-62078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular
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OBSERVATIONS

* Liver [Hepatocellular Carcinoma TGLS = 3-21]	Hepatocellular Carcinoma	
* Preputial Gland [Degeneration TGLS = 1-8]	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 114

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	Minimal
		Eosinophilic Focus	Moderate
		Inflammation	Chronic, Mild
[Eosinophilic Focus TGLS = 3-22]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Carcinoma	Mild
		Hyperplasia	Histiocytic, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 4-2-1]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 2-8]			
* Skin	Epidermis	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Cyst	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 115

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Mild
* Preputial Gland	Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]		
* Spleen	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 116

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Mild
* Lymph Node, Mesenteric [Hemorrhage TGLS = 3-5]		Hemorrhage	Mild
* Preputial Gland [Degeneration TGLS = 1-21]		Degeneration	Cystic, Mild
* Stomach, Forestomach [Hyperplasia TGLS = 4-22]	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 117

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Metaplasia Nephropathy	Osseous, Focal, Minimal Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-22]			
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-21]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 118

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Infarct	Mild
		Nephropathy	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 119

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-22]		
* Preputial Gland	Degeneration	Cystic, Mild
[Degeneration TGLS = 1-21]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 120

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	Moderate
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Mild
[Eosinophilic Focus TGLS = 2-6]			
[Inflammation TGLS = 2-6]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
[Hemorrhage TGLS = 3-5]			
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Stomach, Glandular		Hyperplasia	Mild
[Hyperplasia TGLS = 4-21]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Mild
	[Hepatocellular Carcinoma TGLS = 1-21]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Carcinoma	
	Necrosis	Focal, Moderate
[Hepatocellular Carcinoma TGLS = 3-6]		
[Necrosis TGLS = 3-6]		
* Lung	Alveolar/Bronchiolar Carcinoma	
* Preputial Gland	Degeneration	Cystic, Mild
[Degeneration TGLS = 1-21]		
* Spleen	Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 725

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pancreas
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OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Kidney		Nephropathy	Minimal
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-6,5-22]			
* Lymph Node	Renal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-21]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 6-5]			
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Histiocytic Sarcoma TGLS = 2-6]		Histiocytic Sarcoma	
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic, Mild
[Hepatocellular Carcinoma TGLS = 1-6]			
* Pancreas	Acinus	Atrophy	Focal, Mild
* Parathyroid Gland		Cyst	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Mild
* Lung	Alveolar/Bronchiolar Adenoma	
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
Harderian Gland		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	Moderate
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Mild
		Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hyperplasia	Histiocytic, Mild
		[Alveolar/Bronchiolar Adenoma TGLS = 2-2-1]	
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Preputial Gland		Degeneration	Cystic, Mild
		[Degeneration TGLS = 1-8]	
* Stomach, Glandular		Mineralization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* 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	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
		Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 2-6]			
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Inflammation	Chronic, Moderate
		Squamous Cell Carcinoma	
[Inflammation TGLS = 3-4-1]			
[Squamous Cell Carcinoma TGLS = 3-4-1]			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 130

TRT#: 5

SEX: Male

DAY ON TEST: 620

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-63165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Lung	Alveolar/Bronchiolar Carcinoma Hyperplasia	Histiocytic, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 2-2-1]		
* Preputial Gland	Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]		
* Thyroid Gland	Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 2-2-1,3-2-2]	Alveolar/Bronchiolar Adenoma	Multiple
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Moderate
* Preputial Gland [Inflammation TGLS = 1-21]	Inflammation	Suppurative, Moderate
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 132

TRT#: 5

SEX: Male

DAY ON TEST: 668

DOSE: 50 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
		[Hepatocellular Adenoma TGLS = 9-6]	
		[Lymphoma Malignant TGLS = 9-6]	
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 10-24]	
		[Lymphoma Malignant TGLS = 8-23]	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 7-22]	
* Pancreas		Lymphoma Malignant	
* Preputial Gland		Degeneration	Cystic, Moderate
		[Degeneration TGLS = 3-8]	
* Prostate		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 132

TRT#: 5
DOSE: 50 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 668
HISTO: 92-64610

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin [Edema TGLS = 2-8,1-22]	Subcut Tiss	Edema	Moderate
* Spleen [Lymphoma Malignant TGLS = 5-6,6-6]		Lymphoma Malignant	
* Thymus [Lymphoma Malignant TGLS = 11-2]		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-22,3-23]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-2-1]			
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Ectasia	Moderate
		Hemorrhage	Mild
[Ectasia TGLS = 2-22]			
[Hemorrhage TGLS = 2-22]			
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 700

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 92-64614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]		
* Preputial Gland	Degeneration	Cystic, Moderate
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Mild
	Hyperplasia	

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 137 TRT#: 5 SEX: Male DAY ON TEST: 731
DOSE: 50 MG/KG DISP: Terminal Sacrifice HISTO: 92-64615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Mild
	[Hepatocellular Adenoma TGLS = 2-21]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Preputial Gland		Degeneration	Cystic, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
[Hemorrhage TGLS = 2-5]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 577

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 92-62079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Skin [Fibrosarcoma TGLS = 1-21]	Subcut Tiss	Fibrosarcoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Moderate
		Necrosis	Moderate

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Cyst	Mild
[Cyst TGLS = 2-21]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 1-8]			
* Stomach, Glandular		Mineralization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Mild
	[Hepatocellular Adenoma TGLS = 3-21]		
	[Inflammation TGLS = 2-6]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Hyperplasia	Histiocytic, Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 5-2-1]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
	[Hemorrhage TGLS = 4-5]		
* Preputial Gland		Degeneration	Cystic, Mild
	[Degeneration TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:27
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Lymphoma Malignant	
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-21]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Moderate
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Moderate
	Hepatocyte	Karyomegaly	Mild
		Lymphoma Malignant	
	[Eosinophilic Focus TGLS = 3-6]		
	[Hypertrophy TGLS = 3-6]		
	[Lymphoma Malignant TGLS = 3-6]		
* Preputial Gland		Degeneration	Cystic, Mild
	[Degeneration TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Stomach, Glandular		Mineralization	Minimal
* Thyroid Gland	Follicle	Cyst	Moderate
		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64620

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 4-21]		Adenoma	
* Lymph Node, Mandibular [Hyperplasia TGLS = 2-8]		Hyperplasia	Lymphoid, Mild
* Pituitary Gland [Adenoma TGLS = 5-1]	Pars Intermed	Adenoma	
* Preputial Gland [Degeneration TGLS = 1-8]		Degeneration	Cystic, Moderate
* Spleen [Hematopoietic Cell Proliferation TGLS = 3-6]		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 145	TRT#: 5	SEX: Male	DAY ON TEST: 731
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Medulla	Hyperplasia	Minimal
* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Adenoma	

[Hepatocellular Adenoma TGLS = 1-21]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Mild
	[Hepatocellular Carcinoma TGLS = 3-21]		
* Preputial Gland		Degeneration	Cystic, Mild
	[Degeneration TGLS = 1-8]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 672

DOSE: 50 MG/KG

DISP: Natural Death

HISTO: 92-64624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Nose	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Adrenal Medulla	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-21]			
* Bone Marrow		Lymphoma Malignant	
* Kidney		Inflammation	Suppurative, Marked
	Papilla	Lymphoma Malignant	
[Inflammation TGLS = 2-21]		Necrosis	Moderate
[Lymphoma Malignant TGLS = 2-21]			
[Necrosis TGLS = 2-21]			
Lymph Node	Iliac	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-22]			
[Lymphoma Malignant TGLS = 4-23]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Hemorrhage	Moderate
Mesentery		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-21]			
* Pancreas		Lymphoma Malignant	
* Parathyroid Gland		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 147	TRT#: 5	SEX: Male	DAY ON TEST: 672
	DOSE: 50 MG/KG	DISP: Natural Death	HISTO: 92-64624

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Lymphoma Malignant	
* Spleen	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]		
* Stomach, Glandular	Lymphoma Malignant	
* Thymus	Atrophy	Moderate
* Urinary Bladder	Lymphoma Malignant	

PRIMARY CAUSE OF DEATH	- Kidney	Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Kidney	Inflammation;Kidney Papilla Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 725

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Mild
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Cyst	Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Moderate
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Moderate
		Vacuolization Cytoplasmic	Mild
[Eosinophilic Focus TGLS = 2-6]			
[Inflammation TGLS = 2-6]			
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney	Nephropathy	Moderate
* Liver	Hemangiosarcoma Hepatocellular Carcinoma	
[Hemangiosarcoma TGLS = 4-6] [Hepatocellular Carcinoma TGLS = 3-21]		
* Preputial Gland	Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 151	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 150 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Stomach, Glandular		Mineralization	Mild
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 152

TRT#: 7

SEX: Male

DAY ON TEST: 16

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 90-55495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Stomach, Glandular		

OBSERVATIONS

* Lung	Congestion	Moderate
* Spleen	Depletion Cellular	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 153

TRT#: 7

SEX: Male

DAY ON TEST: 382

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 91-60225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 3-22]	Lymphoma Malignant
* Spleen [Lymphoma Malignant TGLS = 2-21]	Lymphoma Malignant

PRIMARY CAUSE OF DEATH

- Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 154

TRT#: 7

SEX: Male

DAY ON TEST: 442

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 92-60892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum * Intestine Small, Ileum

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Lung	Congestion	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 155

TRT#: 7

SEX: Male

DAY ON TEST: 726

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 156

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 3-22]		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver [Hepatocellular Adenoma TGLS = 2-21]		Hepatocellular Adenoma	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Preputial Gland [Degeneration TGLS = 1-8]		Degeneration	Cystic, Mild
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 157

TRT#: 7

SEX: Male

DAY ON TEST: 32

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 91-59214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Lung	Hemorrhage	Mild
* Spleen	Depletion Cellular	Moderate
[Depletion Cellular TGLS = 1-6]		
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 158	TRT#: 7	SEX: Male	DAY ON TEST: 184
	DOSE: 150 MG/KG	DISP: Natural Death	HISTO: 91-59215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

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

* Kidney		Congestion	Mild
	Renal Tubule	Degeneration	Mild
[Congestion TGLS = 1-5]			
* Spleen		Depletion Cellular	Moderate
Note: LYMPHOID CELL DEPLETION			
* Thymus		Necrosis	Moderate

PRIMARY CAUSE OF DEATH	- UNCERTAIN
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 159

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-21]			
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 160

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Preputial Gland [Degeneration TGLS = 1-21]		Degeneration	Cystic, Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 161

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney		Nephropathy	Mild
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 162

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Mild
* Kidney	Infarct	Moderate
	Nephropathy	Mild
* Lymph Node, Mesenteric	Hemorrhage	Mild
* Stomach, Forestomach	Squamous Cell Papilloma	

[Squamous Cell Papilloma TGLS = 2-21]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 163

TRT#: 7

SEX: Male

DAY ON TEST: 481

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 92-61093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Salivary Glands	* Stomach, Glandular		

OBSERVATIONS

* Liver [Necrosis TGLS = 1-21]	Necrosis	Focal, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 164	TRT#: 7	SEX: Male	DAY ON TEST: 334
	DOSE: 150 MG/KG	DISP: Moribund Sacrifice	HISTO: 91-59988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Degeneration	Mild
	Renal Tubule	Dilatation	Mild
	[Degeneration TGLS = 2-5]		
* Spleen		Depletion Cellular	Moderate
	[Depletion Cellular TGLS = 1-6]		
* Stomach, Glandular		Erosion	Moderate
	[Erosion TGLS = 4-4]		
* Testes	Germinal Epith	Degeneration	Moderate
* Thymus		Atrophy	Mild
		Necrosis	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 165

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach [Hyperplasia TGLS = 2-21]	Epithelium	Hyperplasia	Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 166

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Mild
* Liver		Inflammation	Chronic, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 167

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Thyroid Gland	Follicle	Cyst	Mild
	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 168

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 169	TRT#: 7	SEX: Male	DAY ON TEST: 407
	DOSE: 150 MG/KG	DISP: Natural Death	HISTO: 92-60893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
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OBSERVATIONS

Harderian Gland [Adenoma TGLS = 2-21]		Adenoma	
* Kidney		Nephropathy	Minimal
* Lung		Congestion	Moderate
* Preputial Gland [Degeneration TGLS = 1-8]		Degeneration	Cystic, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 170

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Focal, Mild
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
[Hemorrhage TGLS = 1-5]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 171

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Minimal
* Kidney	Nephropathy	Mild
* Lung	Alveolar/Bronchiolar Carcinoma	
* Preputial Gland	Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]		
* Spleen	Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 172

TRT#: 7

SEX: Male

DAY ON TEST: 211

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 91-59989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Metaplasia	Osseous, Focal, Mild
	Nephropathy	Minimal
* Thymus	Necrosis	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 173

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Mild
	Hepatocyte	Karyomegaly	Moderate
Lymph Node	Bronchial	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-22]			
* Preputial Gland		Degeneration	Cystic, Moderate
[Degeneration TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 174 **TRT#:** 7 **SEX:** Male **DAY ON TEST:** 405
DOSE: 150 MG/KG **DISP:** Natural Death **HISTO:** 92-60894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Prostate	* Seminal Vesicle	* Skin
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

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

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Spleen	* Stomach, Glandular		

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Liver		Vacuolization Cytoplasmic	Mild
Lymph Node	Inguinal	Pigmentation	Mild
* Pancreas	Acinus	Atrophy	Focal, Mild
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Salivary Glands		Vacuolization Cytoplasmic	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Necrosis	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Theophylline

CAS Number: 58-55-9

Date Report Requested: 10/22/2014

Time Report Requested: 13:08:28

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 175

TRT#: 7

SEX: Male

DAY ON TEST: 449

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 92-60866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Bone Marrow
- * Gallbladder
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lymph Node, Mesenteric
- * Pituitary Gland
- * Seminal Vesicle
- * Stomach, Glandular
- * Trachea

- * Adrenal Medulla
- * Brain
- * Heart
- * Intestine Small, Duodenum
- * Kidney
- * Nose
- * Preputial Gland
- * Skin
- * Testes
- * Urinary Bladder

- * Blood Vessel
- * Epididymis
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lung
- * Pancreas
- * Prostate
- * Spleen
- * Thymus

- * Bone
- * Esophagus
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mandibular
- * Parathyroid Gland
- * Salivary Glands
- * Stomach, Forestomach
- * Thyroid Gland

MISSING

- * Mammary Gland

OBSERVATIONS

- * Liver Basophilic Focus Moderate
- [Basophilic Focus TGLS = 2-21]

PRIMARY CAUSE OF DEATH - UNCERTAIN
 CONTRIBUTORY CAUSE OF DEATH - Liver Basophilic Focus

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 176

TRT#: 7

SEX: Male

DAY ON TEST: 331

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 91-59990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum * Intestine Small, Jejunum

INSUFFICIENT TISSUE

* Pituitary Gland

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 177

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-22]			
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 178

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Mild
* Kidney	Nephropathy	Minimal
* Preputial Gland	Degeneration	Cystic, Mild
	Inflammation	Chronic, Moderate
* Spleen	Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 179

TRT#: 7

SEX: Male

DAY ON TEST: 212

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 91-59991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum
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OBSERVATIONS

* Thymus	Necrosis	Minimal
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PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 180

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
* Testes	Mineralization	Focal, Mild
* Thyroid Gland	Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 181

TRT#: 7

SEX: Male

DAY ON TEST: 726

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Inflammation	Chronic, Minimal
	Hepatocyte	Karyomegaly	Mild
		Hemorrhage	Mild
* Lymph Node, Mesenteric [Hemorrhage TGLS = 2-5]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Preputial Gland [Degeneration TGLS = 1-8]		Degeneration	Cystic, Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 352

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 91-60226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney [Dilatation TGLS = 3-5]	Renal Tubule	Dilatation	Mild
* Spleen [Depletion Cellular TGLS = 2-6]		Depletion Cellular	Moderate
* Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 726

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Cyst	Minimal
		Nephropathy	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-21]			
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Histiocytic, Mild
* Skin		Inflammation	Chronic, Focal, Mild
	[Inflammation TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Lymph Node, Mesenteric [Hemorrhage TGLS = 2-5]	Hemorrhage	Mild
* Preputial Gland [Degeneration TGLS = 1-21] [Inflammation TGLS = 1-21]	Degeneration Inflammation	Cystic, Moderate Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 187

TRT#: 7

SEX: Male

DAY ON TEST: 359

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 91-60227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule Renal Tubule	Degeneration Dilatation Atrophy	Minimal Mild Mild
* Lymph Node, Mesenteric		Depletion Cellular	Moderate
* Spleen		Atrophy	Mild
* Thymus		Necrosis	Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Kidney Renal Tubule Degeneration

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 703

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Intestine Small, Duodenum	Necrosis	Focal, Mild
* Kidney [Nephropathy TGLS = 2-5]	Nephropathy	Moderate
* Spleen [Depletion Cellular TGLS = 1-6]	Depletion Cellular	Mild
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* 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	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Kidney		Nephropathy	Minimal
* Preputial Gland		Degeneration	Cystic, Moderate
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Focal, Mild
* Kidney		Nephropathy	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 191	TRT#: 7	SEX: Male	DAY ON TEST: 359
	DOSE: 150 MG/KG	DISP: Moribund Sacrifice	HISTO: 91-60228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Degeneration	Mild
* Liver		Mineralization	Focal, Mild
[Mineralization TGLS = 4-21]			
* Lymph Node, Mesenteric		Atrophy	Mild
* Spleen		Depletion Cellular	Moderate
[Depletion Cellular TGLS = 1-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 5-4-1]			
* Thymus		Necrosis	Marked

PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Kidney Renal Tubule Degeneration

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 332

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 91-59992

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Stomach, Glandular		

OBSERVATIONS

* Spleen	Depletion Cellular	Minimal
[Depletion Cellular TGLS = 1-6]		

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 193

TRT#: 7

SEX: Male

DAY ON TEST: 636

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 92-63159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Pituitary Gland	* Thymus
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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	* Stomach, Glandular

OBSERVATIONS

* Kidney	Infarct	Mild
	Nephropathy	Mild
	Hepatocellular Carcinoma	
* Liver	Degeneration	Cystic, Mild
[Hepatocellular Carcinoma TGLS = 3-22]	Inflammation	Chronic, Moderate
* Preputial Gland		
[Degeneration TGLS = 1-21]		
[Inflammation TGLS = 1-21]		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 194	TRT#: 7	SEX: Male	DAY ON TEST: 636
	DOSE: 150 MG/KG	DISP: Natural Death	HISTO: 92-63160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Heart
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Bone Marrow	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Stomach, Glandular			

OBSERVATIONS

* Lung		Alveolar/Bronchiolar Adenoma	
		Congestion	Moderate
* Preputial Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-21]			
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 121

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 91-59216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Depletion Cellular	Moderate
* Lymph Node, Mandibular	Necrosis	Moderate
* Prostate	Inflammation	Chronic, Minimal
* Spleen	Depletion Cellular	Mild
* Thymus	Necrosis	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 282

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 91-59993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Mineralization	Minimal
* Kidney	Renal Tubule	Degeneration	Mild
	Renal Tubule	Dilatation	Mild
	[Degeneration TGLS = 1-5]		
	[Dilatation TGLS = 1-5]		
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Minimal
* Thymus		Necrosis	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 91-59217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Degeneration	Mild
* Spleen		Depletion Cellular	Moderate
[Depletion Cellular TGLS = 1-6]			
* Thymus		Necrosis	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64340

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 598

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 92-63161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Degeneration	Minimal
* Liver		Necrosis	Focal, Minimal
* Spleen		Depletion Cellular	Moderate
[Depletion Cellular TGLS = 1-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-4-1]			
* Stomach, Glandular		Edema	Moderate
[Edema TGLS = 2-4-1]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Focal, Minimal
* Kidney	Cyst	Mild
	Nephropathy	Minimal
* Liver		
Note: NO CORRELATING LESION FOR TGL 2-22.		
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-2-1]		
* Preputial Gland	Inflammation	Chronic, Moderate
* Thyroid Gland	Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 201

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver	Bile Duct	Cyst	Mild
		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
[Cyst TGLS = 2-21]			
[Hepatocellular Adenoma TGLS = 3-22]			
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Sarcoma Stromal	
[Hyperplasia TGLS = 1-7]			
[Sarcoma Stromal TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 202

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Trachea			

MISSING

* Urinary Bladder

OBSERVATIONS

* Liver		Mixed Cell Focus	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-21]			
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
		Inflammation	Chronic, Focal, Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7-1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 203

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Clitoral Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8-1]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-22]		Histiocytic Sarcoma	
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-21]			
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus		Hydrometra	Mild
[Hydrometra TGLS = 2-7]	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 204

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Adrenal Cortex

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-22]		
* Lymph Node, Mesenteric		Ectasia	Moderate
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLS = 1-21]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 3-1]		
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
	[Hyperplasia TGLS = 4-23]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 205

TRT#: 2

SEX: Female

DAY ON TEST: 642

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: 92-63151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-2-1]			
* Lymph Node, Mandibular		Hemorrhage	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Spinal Cord		Hemorrhage	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hydrometra	Moderate
[Hydrometra TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 206

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hydrometra	Moderate
		Hyperplasia	Cystic, Moderate

[Hydrometra TGLS = 2-7]
[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 207

TRT#: 2

SEX: Female

DAY ON TEST: 643

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: 92-63152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular	

OBSERVATIONS

* Bone	Fibrous Osteodystrophy	Mild
* Liver [Hepatocellular Carcinoma TGLS = 4-21]	Hepatocellular Carcinoma	
* Lung Note: NODULE ON SURFACE IS ARTIFACT		
* Spleen [Hematopoietic Cell Proliferation TGLS = 2-6]	Hematopoietic Cell Proliferation	Moderate
* Uterus	Hydrometra	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 208	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 92-64282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
[Nephropathy TGLS = 1-22]			
* Liver		Eosinophilic Focus	Mild
[Eosinophilic Focus TGLS = 2-21]		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 209

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-23]			
Lymph Node	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-3-1]			
* Nose	Glands, Mucosa	Dilatation	Focal, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-4-1]			
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 210

TRT#: 2

SEX: Female

DAY ON TEST: 501

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: 92-61339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Kidney	Renal Tubule	Degeneration	Mild
	Renal Tubule	Mineralization	Mild
		Nephropathy	Mild
	[Mineralization TGLS = 3-5]		
* Liver		Hepatocellular Carcinoma	
		Necrosis	Focal, Marked
	[Hepatocellular Carcinoma TGLS = 6-22]		
	[Necrosis TGLS = 5-21]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 211

TRT#: 2

SEX: Female

DAY ON TEST: 624

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: 92-63153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Rectum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Necrosis	Focal, Moderate
	[Hepatocellular Adenoma TGLS = 2-21]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Erosion	Mild
	[Erosion TGLS = 3-4-1]		
* Thymus		Necrosis	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 212

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperplasia Squamous Cell Papilloma	Mild
[Squamous Cell Papilloma TGLS = 2-4-1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 213

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Mild
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7-1]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Minimal
		Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 214

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Brain		Atrophy	Focal, Mild
[Atrophy TGLS = 2-1-1]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-21]		Vacuolization Cytoplasmic	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-1]	Pars Distalis	Cyst	Moderate
* Spleen		Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Minimal
		Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 215

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Trachea			

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Stomach, Glandular		Mineralization	Minimal
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 216

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Mild
	[Hepatocellular Carcinoma TGLS = 2-21]	Hepatocellular Carcinoma	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Lymphoma Malignant	
* Spleen		Congestion	Mild
	[Congestion TGLS = 1-6]		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 217

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland [Degeneration TGLS = 1-21]		Degeneration	Cystic, Mild
* Liver		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 218

TRT#: 2

SEX: Female

DAY ON TEST: 583

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: 92-62072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Thymus
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OBSERVATIONS

* Liver		Hepatocellular Carcinoma	
Note: TISSUE IS LIVER NOT MESENTERY			
[Hepatocellular Carcinoma TGLS = 1-6,1-21]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 4-2-1,5-2-2,6-2-3]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-22]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 219

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver [Hepatocellular Adenoma TGLS = 2-21]		Hepatocellular Adenoma	
* Spleen		Hyperplasia	Lymphoid, Moderate
* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 4-22]		Squamous Cell Papilloma	
* Uterus [Hyperplasia TGLS = 1-7]	Endometrium	Hemorrhage Hyperplasia	Mild Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 220

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Eosinophilic Focus Hepatocellular Adenoma	Mild
Note: FOCUS ON SLIDE #6 [Hepatocellular Adenoma TGLS = 2-21]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 221

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland [Degeneration TGLS = 1-8-1]		Degeneration	Cystic, Mild
* Liver		Vacuolization Cytoplasmic	Mild
* Ovary [Cyst TGLS = 3-7-1]		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen [Hyperplasia TGLS = 4-6]		Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Minimal
* Uterus [Hyperplasia TGLS = 2-7]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 222

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Pituitary Gland
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver [Hepatocellular Adenoma TGLS = 4-22]	Hepatocellular Adenoma	
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 3-2-1]	Alveolar/Bronchiolar Adenoma	
* Uterus [Hyperplasia TGLS = 2-7]	Endometrium Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 223

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Brain		Atrophy	Focal, Mild
* Clitoral Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8-1]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-21,5-22]		Vacuolization Cytoplasmic	Mild
* Pancreas	Duct	Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 224

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-2-1]		
* Ovary		Cyst	Mild
	[Cyst TGLS = 3-7]		
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
	[Hydrometra TGLS = 1-7]		
	[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 225

TRT#: 2

SEX: Female

DAY ON TEST: 555

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: 92-62073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
* Intestine Large, Cecum		Lymphoma Malignant	
* Intestine Large, Colon		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-6]			
* Lung	Mediastinum	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 11-25]		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-22]			
[Lymphoma Malignant TGLS = 10-24]			
[Lymphoma Malignant TGLS = 12-3-1]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-5,9-23]			
Mesentery		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-21]			
* Ovary		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 225	TRT#: 2	SEX: Female	DAY ON TEST: 555
	DOSE: VEHICLE CONTROL	DISP: Natural Death	HISTO: 92-62073

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Lymphoma Malignant	
Skeletal Muscle		Lymphoma Malignant	
Note: SITE IS ABDOMINAL MUSCLE			
[Lymphoma Malignant TGLS = 13-26]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-6]			
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-7]			
[Lymphoma Malignant TGLS = 3-7]			

PRIMARY CAUSE OF DEATH - Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 226

TRT#: 2

SEX: Female

DAY ON TEST: 655

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: 92-63154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 6-23,7-24]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-22]			
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5-6]			
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus		Hemorrhage	Moderate
		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hemorrhage TGLS = 3-7-1,4-7-2]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 227

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 3-21]			
* Salivary Glands		Fibrosis	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 228 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 605
DOSE: VEHICLE CONTROL **DISP:** Moribund Sacrifice **HISTO:** 92-63155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hepatocholangiocarcinoma	Metastatic (Liver)
* Bone Marrow		Hyperplasia	Moderate
* Gallbladder		Hepatocholangiocarcinoma	Metastatic (Liver)
* Kidney	Renal Tubule	Degeneration	Minimal
* Liver		Hepatocholangiocarcinoma	
	[Hepatocholangiocarcinoma TGLS = 5-23]		
* Lung		Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 8-2,8-2-1]		
Lymph Node	Mediastinal	Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 7-3-1]		
* Lymph Node, Mesenteric		Hepatocholangiocarcinoma	Metastatic (Liver)
Mesentery		Hepatocholangiocarcinoma	Metastatic (Liver)
	Fat	Necrosis	Moderate
	[Hepatocholangiocarcinoma TGLS = 6-24]		
	[Necrosis TGLS = 6-24]		
* Ovary		Hepatocholangiocarcinoma	Metastatic (Liver)
* Pancreas		Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 4-7]		
Skeletal Muscle		Hepatocholangiocarcinoma	Metastatic (Liver)
Note: SITE-ABDOMINAL MUSCLE			
Note: SITE-DIAPHRAGM			
	[Hepatocholangiocarcinoma TGLS = 2-21,3-22]		
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 228	TRT#: 2	SEX: Female	DAY ON TEST: 605
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: 92-63155

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Hepatocholangiocarcinoma	Metastatic (Liver)
	Epithelium	Hyperplasia	Minimal
[Hepatocholangiocarcinoma TGLS = 9-25]			
* Stomach, Glandular		Hepatocholangiocarcinoma	Metastatic (Liver)
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Pancreas Hepatocholangiocarcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 229

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Moderate
[Eosinophilic Focus TGLS = 3-23]			
* Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Pituitary Gland		Angiectasis	Minimal
* Skin	Subcut Tiss	Sarcoma	
Note: TISSUE NOS(TGL 2-22) IS SKIN/SUBCUTIS			
[Sarcoma TGLS = 2-22]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 230

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]			
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Cytoplasmic Alteration	Focal, Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Minimal
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 231

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus		Angiectasis	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Angiectasis TGLS = 1-23]			
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 232

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Bone		Fibrous Osteodystrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-22]			
* Parathyroid Gland		Cyst	Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 3-7]			
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 233

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland [Degeneration TGLS = 1-8-1]		Degeneration	Cystic, Mild
* Liver [Angiectasis TGLS = 4-21] [Hepatocellular Adenoma TGLS = 5-22]		Angiectasis Hepatocellular Adenoma	Mild
* Thyroid Gland	Follicular Cel	Adenoma Degeneration	Cystic, Focal, Mild
* Uterus [Hydrometra TGLS = 3-7] [Hyperplasia TGLS = 2-7]	Endometrium	Hydrometra Hyperplasia	Mild Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 234

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 235

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
* Parathyroid Gland		Infiltration Cellular	Lymphocyte, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-21]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 236

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Lung
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8-1]			
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-22]			
* Liver		Mixed Cell Focus	Marked
[Mixed Cell Focus TGLS = 4-21]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Cytoplasmic Alteration	Focal, Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 237

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* 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	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Atrophy	Focal, Moderate
[Atrophy TGLS = 6-1-1]			
* Liver		Hepatocellular Carcinoma	Multiple
Note: TGL 4-22 IS LIVER TUMOR NOT MESENTERY			
[Hepatocellular Carcinoma TGLS = 3-21,4-22]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 7-2-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Mild
		Hemorrhage	Moderate
[Cyst TGLS = 1-7]			
[Hemorrhage TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 237

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64305

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 238

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
Eye		Atrophy	Mild
[Atrophy TGLS = 1-21]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 7-24]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-22]			
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-23]			
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-2]			
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 2-7]			
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 239

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Gallbladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 3-6]		
* Ovary		Cyst	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
	[Hydrometra TGLS = 1-7]		
	[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 240

TRT#: 2

SEX: Female

DAY ON TEST: 627

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: 92-63156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skin	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-21]			
* Thymus		Cyst	Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Minimal
[Hydrometra TGLS = 2-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 241

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Esophagus	Muscularis	Inflammation	Chronic, Minimal
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Lymphoma Malignant	
		Vacuolization Cytoplasmic	Mild
		[Hepatocellular Adenoma TGLS = 4-22]	
		[Hepatocellular Carcinoma TGLS = 3-21]	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 2-6]	
* Stomach, Forestomach		Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Endometrium	Polyp Stromal	
		[Polyp Stromal TGLS = 1-7]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 241

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64308

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 242

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Bone		Fibrous Osteodystrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 4-22]			
[Hepatocellular Adenoma TGLS = 3-21]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Skin		Inflammation	Chronic, Focal, Minimal
[Inflammation TGLS = 1-8]			
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 243

TRT#: 2

SEX: Female

DAY ON TEST: 643

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: 92-63157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney	* Mammary Gland
* Nose	* Parathyroid Gland	* Skin	* Thymus
* Thyroid Gland	* Trachea		

AUTO PRECLUDES DIAG.

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

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Heart		Inflammation	Chronic, Focal, Mild
		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
		[Hepatocellular Adenoma TGLS = 10-25]	
		[Lymphoma Malignant TGLS = 8-23,9-24,10-25]	
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		[Hemorrhage TGLS = 11-3-1]	
		[Lymphoma Malignant TGLS = 11-3-1]	
		[Lymphoma Malignant TGLS = 5-22]	
* Lymph Node, Mandibular		Hemorrhage	Mild
		Lymphoma Malignant	
		[Hemorrhage TGLS = 1-21]	
		[Lymphoma Malignant TGLS = 1-21]	
* Lymph Node, Mesenteric		Hemorrhage	Moderate
		Lymphoma Malignant	
		[Hemorrhage TGLS = 6-5]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 243

TRT#: 2

SEX: Female

DAY ON TEST: 643

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: 92-63157

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 6-5]

* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	

[Lymphoma Malignant TGLS = 4-6]

* Stomach, Forestomach		Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Lymphoma Malignant	

[Hyperplasia TGLS = 3-7]

PRIMARY CAUSE OF DEATH - Bone Marrow Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 244

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Focal, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 1-2-1,2-2-2]			
* Stomach, Glandular		Mineralization	Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Moderate
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 3-7]			
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 245

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Cyst	Mild
* Bone		Fibrous Osteodystrophy	Mild
Note: INVOLVES CRANIUM AND FEMUR			
Note: CRANIAL BONES			
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-22]			
* Liver		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Skin		Inflammation	Chronic, Focal, Mild
[Inflammation TGLS = 1-21]			
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 246

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-22]			
* Nose	Glands, Mucosa	Dilatation	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicle	Cyst	Mild
	Follicular Cel	Hyperplasia	Moderate
* Uterus		Cyst	Mild
	Endometrium	Hyperplasia	Cystic, Moderate
[Cyst TGLS = 3-7]			
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 247

TRT#: 2

SEX: Female

DAY ON TEST: 684

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: 92-64313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

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

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 5-24]			
* Liver	Centrilobular	Necrosis	Marked
* Lymph Node, Mesenteric		Sarcoma	Metastatic (Mesentery)
[Sarcoma TGLS = 4-23]			
Mesentery		Sarcoma	
Note: AUTOLYSIS PRECLUDES PRECISE DIAGNOSIS			
[Sarcoma TGLS = 3-22]			
Skeletal Muscle		Sarcoma	
[Sarcoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Mesentery Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 248

TRT#: 2

SEX: Female

DAY ON TEST: 561

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: 92-62074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Mammary Gland	* Skin
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OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Brain		Hemorrhage	Minimal
* Clitoral Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8-1]			
* Gallbladder		Lymphoma Malignant	
* Heart		Inflammation	Chronic, Focal, Minimal
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-22]			
* Kidney	Pelvis	Dilatation	Minimal
[Dilatation TGLS = 7-5]			
[Lymphoma Malignant TGLS = 6-5]			
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-6]			
* Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 14-2-1]		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 248

TRT#: 2

SEX: Female

DAY ON TEST: 561

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: 92-62074

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 15-26 IS AXILLARY LN ;TGL 17-27 IS DEEP CERVICAL

[Lymphoma Malignant TGLS = 11-23]

[Lymphoma Malignant TGLS = 15-26,17-27]

[Lymphoma Malignant TGLS = 16-3-1]

[Lymphoma Malignant TGLS = 5-28]

[Lymphoma Malignant TGLS = 12-24]

* Lymph Node, Mandibular

Lymphoma Malignant

* Lymph Node, Mesenteric

Lymphoma Malignant

[Lymphoma Malignant TGLS = 8-21]

Mesentery Fat

Necrosis

Mild

[Necrosis TGLS = 13-25]

* Ovary

Lymphoma Malignant

* Pancreas

Lymphoma Malignant

* Spleen

Lymphoma Malignant

[Lymphoma Malignant TGLS = 4-6]

* Thymus

Lymphoma Malignant

* Thyroid Gland

Degeneration

Cystic, Focal, Mild

* Urinary Bladder

Lymphoma Malignant

* Uterus Endometrium

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 3-7-1]

PRIMARY CAUSE OF DEATH

- Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 249

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 92-64314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Spleen		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 250

TRT#: 2

SEX: Female

DAY ON TEST: 654

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: 92-63158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 7-22]			
* Kidney	Renal Tubule	Degeneration	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
* Lung		Hyperplasia	Histiocytic, Mild
		Pigmentation	Mild
* Mammary Gland		Ectasia	Mild
		Hyperplasia	Mild
[Ectasia TGLS = 1-8]			
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-21]			
* Pancreas		Necrosis	Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 6-6]			
* Stomach, Forestomach		Edema	Mild
* Stomach, Glandular		Edema	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus		Hydrometra	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 250

TRT#: 2

SEX: Female

DAY ON TEST: 654

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: 92-63158

ORGAN AND ACCOUNTABLE SITE STATUS

Endometrium

Hyperplasia

Cystic, Minimal

[Hydrometra TGLS = 4-7]

[Hyperplasia TGLS = 5-7]

PRIMARY CAUSE OF DEATH

- Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 251

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Liver		Inflammation	Chronic, Minimal
		Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-2-1]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 252

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver		Inflammation	Chronic, Minimal
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 1-7]
[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 253

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	

MISSING

* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Gallbladder		Inflammation	Chronic, Moderate
* Kidney		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Mesentery		Inflammation	Chronic, Moderate
	Fat	Necrosis	Marked
[Necrosis TGLS = 3-21]			
* Pancreas		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Inflammation	Chronic, Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 254

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

Eye [Inflammation TGLS = 1-21]	Cornea	Inflammation	Chronic, Moderate
Harderian Gland		Adenoma	
* Intestine Small, Jejunum [Lymphoma Malignant TGLS = 8-23]		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver [Hepatocellular Adenoma TGLS = 6-6] [Lymphoma Malignant TGLS = 6-6]		Hepatocellular Adenoma Lymphoma Malignant	
Lymph Node [Lymphoma Malignant TGLS = 5-7-1] [Lymphoma Malignant TGLS = 11-3-1] [Lymphoma Malignant TGLS = 9-24] [Lymphoma Malignant TGLS = 10-25]	Iliac Mediastinal Pancreatic Renal	Lymphoma Malignant Lymphoma Malignant Lymphoma Malignant Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 7-22]		Lymphoma Malignant	
* Parathyroid Gland		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 254	TRT#: 4	SEX: Female	DAY ON TEST: 733
	DOSE: 7.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64714

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-6]			
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 255

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Eosinophilic Focus	Mild
* Spleen	Hematopoietic Cell Proliferation	Mild
* Uterus	Hydrometra	Mild

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 256

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Metaplasia	Osseous, Focal, Minimal
* Liver		Eosinophilic Focus	Mild
* Ovary		Cyst	Mild
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 1-7]
[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 257

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Clitoral Gland [Degeneration TGLS = 1-8-1]		Degeneration	Cystic, Minimal
* Liver [Hepatocellular Adenoma TGLS = 2-21]		Hepatocellular Adenoma	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Endometrium	Hydrometra	Mild
		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 258	TRT#: 4	SEX: Female	DAY ON TEST: 637
	DOSE: 7.5 MG/KG	DISP: Natural Death	HISTO: 92-63174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-21]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 259

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-21,3-22]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
Note: CYST FILLED WITH PIGMENT			
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 260

TRT#: 4

SEX: Female

DAY ON TEST: 658

DOSE: 7.5 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
Spinal Cord	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Thymus
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INSUFFICIENT TISSUE

Peripheral Nerve

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
Note: LESIONS IN FEMUR & VERTEBRAE(SLIDE #41)			
* Kidney	Renal Tubule	Dilatation	Mild
* Liver		Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 3-6]			
* Lung		Hemorrhage	Minimal
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Minimal
* Stomach, Forestomach		Edema	Mild
	Epithelium	Hyperplasia	Mild
[Edema TGLS = 4-21]			
[Hyperplasia TGLS = 4-21]			
* Uterus		Hydrometra	Minimal
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 2-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 260

TRT#: 4

SEX: Female

DAY ON TEST: 658

DOSE: 7.5 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64719

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Bone Marrow Myelofibrosis;Stomach;Forestomach Edema

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 261

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Histiocytic Sarcoma	
* Liver		Hyperplasia	Lymphoid, Focal, Mild
Lymph Node	Renal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-22]			
* Spleen		Histiocytic Sarcoma	
[Hyperplasia TGLS = 2-6]		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach		Cyst	Mild
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 262	TRT#: 4	SEX: Female	DAY ON TEST: 733
	DOSE: 7.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Kidney		Hyperplasia	Lymphoid, Moderate
* Liver		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 2-21]		
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 3-1]		
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 263	TRT#: 4	SEX: Female	DAY ON TEST: 733
	DOSE: 7.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
* Uterus	Endometrium	Hydrometra Hyperplasia	Mild Cystic, Mild
[Hydrometra TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 264

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-21]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 265	TRT#: 4	SEX: Female	DAY ON TEST: 687
	DOSE: 7.5 MG/KG	DISP: Natural Death	HISTO: 92-64724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder

AUTO PRECLUDES DIAG.

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

* Liver		Hepatocellular Carcinoma Histiocytic Sarcoma Necrosis	Focal, Mild
[Hepatocellular Carcinoma TGLS = 2-22]			
* Lung	Mediastinum	Histiocytic Sarcoma Sarcoma Sarcoma	Metastatic (Uncertain Primary Site) Metastatic (Uncertain Primary Site)
[Sarcoma TGLS = 4-23]			
[Sarcoma TGLS = 5-2]			
* Spleen		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-21]			
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 266

TRT#: 4

SEX: Female

DAY ON TEST: 604

DOSE: 7.5 MG/KG

DISP: Natural Death

HISTO: 92-63175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Adrenal Medulla

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
Note: HYALINE DROPLET DEGENERATION IN TUBULES			
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-6]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Iliac	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 8-21]			
[Histiocytic Sarcoma TGLS = 4-10]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Ovary		Cyst	Moderate
		Histiocytic Sarcoma	
[Cyst TGLS = 5-7-1]			
* Salivary Glands		Vacuolization Cytoplasmic	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 266	TRT#: 4	SEX: Female	DAY ON TEST: 604
	DOSE: 7.5 MG/KG	DISP: Natural Death	HISTO: 92-63175

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin [Edema TGLS = 9-8]	Subcut Tiss	Edema	Moderate
* Spleen [Hematopoietic Cell Proliferation TGLS = 1-6]		Hematopoietic Cell Proliferation	Marked
* Thymus		Histiocytic Sarcoma	
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus [Histiocytic Sarcoma TGLS = 7-7-2] [Hydrometra TGLS = 6-7]		Histiocytic Sarcoma Hydrometra	Moderate

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 267

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Uterus	Endometrium	Histiocytic Sarcoma	Cystic, Moderate
[Histiocytic Sarcoma TGLS = 1-7-1]		Hyperplasia	
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 268

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Intestine Small, Jejunum [Lymphoma Malignant TGLS = 2-21]		Lymphoma Malignant	
* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen [Lymphoma Malignant TGLS = 1-6]		Lymphoma Malignant	
* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 3-22]		Squamous Cell Papilloma	
* Stomach, Glandular		Mineralization	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 269

TRT#: 4

SEX: Female

DAY ON TEST: 652

DOSE: 7.5 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-63176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hepatocholangiocarcinoma	Metastatic (Liver)
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocholangiocarcinoma	
	[Hepatocholangiocarcinoma TGLS = 6-22]		
* Lung	Mediastinum	Hepatocholangiocarcinoma	Metastatic (Liver)
		Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 10-2]		
	[Hepatocholangiocarcinoma TGLS = 9-25]		
Lymph Node	Mediastinal	Hepatocholangiocarcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hepatocholangiocarcinoma	Metastatic (Liver)
Mesentery		Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 8-24]		
* Ovary		Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 2-7]		
* Pancreas		Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 4-21]		
Skeletal Muscle		Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 7-23]		
* Skin	Subcut Tiss	Edema	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 269	TRT#: 4	SEX: Female	DAY ON TEST: 652
	DOSE: 7.5 MG/KG	DISP: Moribund Sacrifice	HISTO: 92-63176

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hematopoietic Cell Proliferation TGLS = 3-6]		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Hepatocholangiocarcinoma	Metastatic (Liver)
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH	- Liver Hepatocholangiocarcinoma
CONTRIBUTORY CAUSE OF DEATH	- Mesentery Hepatocholangiocarcinoma Liver;Pancreas Hepatocholangiocarcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 270

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* 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
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Ovary		Hemorrhage	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicle	Cyst	Moderate
	Follicular Cel	Hyperplasia	Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 2-7]
[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 271

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pituitary Gland	* Thymus
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OBSERVATIONS

Harderian Gland		Hyperplasia	Focal, Mild
* Liver		Mixed Cell Focus	Moderate
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 272

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
		Hypertrophy	Focal, Mild
* Bone		Fibrous Osteodystrophy	Mild
* Kidney		Nephropathy	Mild
* Liver		Vacuolization Cytoplasmic	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Skin	Dermis	Fibrosis	Mild
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 273

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

Harderian Gland		Adenoma	
* Liver		Inflammation	Chronic, Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 274

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Lymphoma Malignant Nephropathy	Minimal
[Lymphoma Malignant TGLS = 4-22]			
* Liver		Eosinophilic Focus	Mild
[Eosinophilic Focus TGLS = 5-23]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-21]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-6]			
* Uterus	Endometrium	Hydrometra Hyperplasia	Mild Cystic, Mild
[Hydrometra TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 275

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland [Degeneration TGLS = 1-8-1]		Degeneration	Cystic, Mild
* Kidney		Nephropathy	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus [Hyperplasia TGLS = 2-7]	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 276

TRT#: 4

SEX: Female

DAY ON TEST: 725

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild
* Thyroid Gland	Follicle	Cyst	Moderate
	Follicular Cel	Degeneration	Cystic, Focal, Minimal
		Hyperplasia	Moderate
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hemorrhage	Marked
		Hyperplasia	Cystic, Moderate
[Hemorrhage TGLS = 1-7]			
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 277	TRT#: 4	SEX: Female	DAY ON TEST: 733
	DOSE: 7.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Ito Cell Tumor Malignant	Multiple
[Ito Cell Tumor Malignant TGLS = 3-22,2-21]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-4-1]			
* Thyroid Gland	Follicle	Cyst	Mild
		Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 278

TRT#: 4

SEX: Female

DAY ON TEST: 603

DOSE: 7.5 MG/KG

DISP: Natural Death

HISTO: 92-63177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* 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	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Histiocytic Sarcoma	
* Bone Marrow		Histiocytic Sarcoma	
* Brain	Meninges	Histiocytic Sarcoma	
Harderian Gland		Adenoma	
		Histiocytic Sarcoma	
[Adenoma TGLS = 10-22]			
[Histiocytic Sarcoma TGLS = 10-22]			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Marked
		Histiocytic Sarcoma	
[Accumulation, Hyaline Droplet TGLS = 7-5]			
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 8-6]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Iliac	Histiocytic Sarcoma	
	Inguinal	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 9-21]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Nose		Histiocytic Sarcoma	
* Ovary		Cyst	Mild
		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 278	TRT#: 4	SEX: Female	DAY ON TEST: 603
	DOSE: 7.5 MG/KG	DISP: Natural Death	HISTO: 92-63177

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 3-7]			
[Histiocytic Sarcoma TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Histiocytic Sarcoma	
* Salivary Glands		Histiocytic Sarcoma	
* Skin	Subcut Tiss	Edema	Moderate
[Edema TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 6-6]			
* Stomach, Glandular		Erosion	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus		Histiocytic Sarcoma	
		Hydrometra	Moderate
[Histiocytic Sarcoma TGLS = 5-7-1]			
[Hydrometra TGLS = 4-7]			

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 279

TRT#: 4

SEX: Female

DAY ON TEST: 494

DOSE: 7.5 MG/KG

DISP: Natural Death

HISTO: 92-61340

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mandibular
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Lung	Alveolar Epith	Hyperplasia	Mild
		Sarcoma	Metastatic (Skeletal Muscle)
* Lymph Node, Mesenteric		Sarcoma	Metastatic (Skeletal Muscle)
[Sarcoma TGLS = 3-5]			
Mesentery		Sarcoma	Metastatic (Skeletal Muscle)
[Sarcoma TGLS = 2-22]			
* Pancreas		Sarcoma	Metastatic (Skeletal Muscle)
Skeletal Muscle		Sarcoma	
[Sarcoma TGLS = 1-21]			
* Skin	Dermis	Fibrosis	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Sarcoma	Metastatic (Skeletal Muscle)
* Thymus		Atrophy	Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Mild

PRIMARY CAUSE OF DEATH

- Skeletal Muscle Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Theophylline

CAS Number: 58-55-9

Date Report Requested: 10/22/2014

Time Report Requested: 13:08:28

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 280

TRT#: 4

DOSE: 7.5 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 733

HISTO: 92-64735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Gallbladder | * Heart | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Kidney | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|--|---------------|---|--------------------|
| * Intestine Large, Cecum
[Leiomyosarcoma TGLS = 5-23] | | Leiomyosarcoma | |
| * Liver
[Hepatocellular Adenoma TGLS = 3-22]
[Histiocytic Sarcoma TGLS = 4-6,3-22] | | Hepatocellular Adenoma
Histiocytic Sarcoma | |
| Mesentery
[Histiocytic Sarcoma TGLS = 2-21] | | Histiocytic Sarcoma | |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Mild |
| * Spleen | | Hyperplasia | Lymphoid, Moderate |
| * Uterus
[Hyperplasia TGLS = 1-7] | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 281

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 2-22,3-23]		
	[Hepatocellular Carcinoma TGLS = 4-24]		
Mesentery		Hemorrhage	Mild
	[Hemorrhage TGLS = 1-21]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Mineralization	Minimal
* Thyroid Gland	Follicle	Cyst	Mild
	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 282

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
		Lymphoma Malignant	
		Pigmentation	Focal, Mild
[Eosinophilic Focus TGLS = 2-21]			
[Hepatocellular Adenoma TGLS = 3-22]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 283

TRT#: 4

SEX: Female

DAY ON TEST: 591

DOSE: 7.5 MG/KG

DISP: Natural Death

HISTO: 92-63178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver	Centrilobular	Hepatocellular Carcinoma	
		Necrosis	Mild
	[Hepatocellular Carcinoma TGLS = 6-23]		
* Skin	Subcut Tiss	Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 1-21]		
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
	[Hemangiosarcoma TGLS = 4-22]		
	[Hematopoietic Cell Proliferation TGLS = 5-6]		
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 3-7]		

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Spleen Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 284

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Metaplasia Nephropathy	Osseous, Focal, Mild Minimal
* Liver [Hepatocellular Adenoma TGLS = 2-21]		Hepatocellular Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 3-22]		Squamous Cell Papilloma	
* Uterus [Hyperplasia TGLS = 1-7]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 285

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Trachea	* Urinary Bladder

OBSERVATIONS

* Brain		Atrophy	Focal, Mild
[Atrophy TGLS = 3-1-1]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Minimal
		Mineralization	Minimal
* Thymus		Cyst	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hydrometra	Mild
		Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 286

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Necrosis	Focal, Minimal
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Mammary Gland		Ectasia	Mild
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 287	TRT#: 4	SEX: Female	DAY ON TEST: 733
	DOSE: 7.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Intestine Small, Jejunum [Hyperplasia TGLS = 8-24]	Peyers Patch	Hyperplasia	Lymphoid, Moderate
* Liver [Hepatocellular Carcinoma TGLS = 6-22]		Hepatocellular Adenoma Hepatocellular Carcinoma Vacuolization Cytoplasmic	Mild
Mesentery [Necrosis TGLS = 5-21]	Fat	Necrosis	Mild
* Spleen [Hematopoietic Cell Proliferation TGLS = 4-6]		Hematopoietic Cell Proliferation	Mild
* Uterus [Hydrometra TGLS = 2-7] [Hyperplasia TGLS = 3-7]	Endometrium	Hydrometra Hyperplasia	Mild Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 288

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Brain
* Heart
* Intestine Small, Duodenum
* Liver
* Mammary Gland
* Parathyroid Gland
* Spleen
* Trachea

* Blood Vessel
* Clitoral Gland
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Stomach, Glandular

* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus

OBSERVATIONS

* Adrenal Cortex
* Kidney
* Thyroid Gland
* Uterus

Endometrium

Hypertrophy
Nephropathy
Degeneration
Hyperplasia

Focal, Marked
Minimal
Cystic, Focal, Mild
Cystic, Moderate

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 289

TRT#: 4

SEX: Female

DAY ON TEST: 725

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Thyroid Gland	Follicle	Cyst	Moderate
	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 290

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Kidney		Nephropathy	Minimal
* Nose	Glands, Mucosa	Dilatation	Focal, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 291 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 644
DOSE: 7.5 MG/KG **DISP:** Natural Death **HISTO:** 92-63179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Mammary Gland	* Nose	* Parathyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Thymus
--------------------------	----------

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Histiocytic Sarcoma	
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 7-5]		
* Liver		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 8-6,9-6]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Hemorrhage	Mild
	[Hemorrhage TGLS = 1-8]		
* Ovary		Histiocytic Sarcoma	
* Skin	Subcut Tiss	Edema	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 6-6]		
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus		Histiocytic Sarcoma	
		Hydrometra	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 291

TRT#: 4

SEX: Female

DAY ON TEST: 644

DOSE: 7.5 MG/KG

DISP: Natural Death

HISTO: 92-63179

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 4-21]

PRIMARY CAUSE OF DEATH

- Uterus Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 292

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Pigmentation	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]		Infarct	Marked
[Infarct TGLS = 2-21]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 293

TRT#: 4

SEX: Female

DAY ON TEST: 702

DOSE: 7.5 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Medulla

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Clitoral Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8-1]			
* Heart	Artery	Inflammation	Chronic, Moderate
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 8-5]			
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-22]			
[Lymphoma Malignant TGLS = 11-2-1]			
[Lymphoma Malignant TGLS = 9-21]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Hemorrhage	Moderate
[Hemorrhage TGLS = 6-7-1]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Thymus		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 293	TRT#: 4	SEX: Female	DAY ON TEST: 702
	DOSE: 7.5 MG/KG	DISP: Moribund Sacrifice	HISTO: 92-64746

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hydrometra Hyperplasia	Mild Cystic, Minimal
[Hydrometra TGLS = 4-7]			
[Hyperplasia TGLS = 5-7]			

PRIMARY CAUSE OF DEATH - Lymph Node, Mandibular Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 294

TRT#: 4

SEX: Female

DAY ON TEST: 611

DOSE: 7.5 MG/KG

DISP: Natural Death

HISTO: 92-63180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Necrosis	Focal, Minimal
		Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
Skeletal Muscle		Fibrosarcoma	
[Fibrosarcoma TGLS = 2-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- Skeletal Muscle Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 295

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	Mild
	[Hepatocellular Adenoma TGLS = 3-21]	Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-2-1]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Glands, Mucosa	Dilatation	Focal, Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 2-6]		
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 296

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Minimal
[Hydrometra TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 297 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 633
DOSE: 7.5 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 92-63181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Mineralization	Mild
* Intestine Large, Cecum		Inflammation	Chronic, Mild
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-6]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Mediastinal	Histiocytic Sarcoma	
		Histiocytic Sarcoma	
Note: SITE IS AXILLARY LN FOR TGL 4-21 & 5-22			
[Histiocytic Sarcoma TGLS = 6-3-1]			
[Histiocytic Sarcoma TGLS = 4-21,5-22]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Ovary		Histiocytic Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Histiocytic Sarcoma	
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 298

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-21]			
* Kidney		Nephropathy	Minimal
* Liver		Necrosis	Focal, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 299

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 7.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-21]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hydrometra	Mild
		Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:28
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 300

TRT#: 4

SEX: Female

DAY ON TEST: 584

DOSE: 7.5 MG/KG

DISP: Natural Death

HISTO: 92-62087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
			[Alveolar/Bronchiolar Carcinoma TGLS = 4-21] [Alveolar/Bronchiolar Carcinoma TGLS = 3-2]
Lymph Node	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Liver)
			[Alveolar/Bronchiolar Carcinoma TGLS = 4-3-1]
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
			[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 301

TRT#: 6

SEX: Female

DAY ON TEST: 725

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-2-1]			
* Ovary		Cyst	Mild
[Cyst TGLS = 1-7]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-4-1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 302

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Brain		Atrophy	Focal, Mild
[Atrophy TGLS = 6-1-1]			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 4-22]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-21]			
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 303 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 732
DOSE: 25 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 92-64630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver		Hepatocellular Adenoma Hyperplasia	Lymphoid, Focal, Mild
[Hepatocellular Adenoma TGLS = 4-22]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Hyperplasia	Focal, Moderate
[Adenoma TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation Hyperplasia	Moderate Lymphoid, Mild
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Hyperplasia TGLS = 3-6]			
* Thyroid Gland	Follicle Follicular Cel	Cyst Hyperplasia	Mild Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 304

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Kidney		Infarct	Moderate
* Liver		Eosinophilic Focus	Moderate
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-22]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Cyst	Mild
	Endometrium	Hyperplasia	Cystic, Moderate
[Cyst TGLS = 3-7-1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 305

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* 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	Lacrimal Gland	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Inflammation	Chronic, Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Pancreas	Duct	Cyst	Mild
[Cyst TGLS = 3-7-1]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 306

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 307

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Parathyroid Gland		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-4-1]			
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Minimal
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 308

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-21]			
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-5]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 309

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
Harderian Gland		Inflammation	Chronic, Focal, Mild
* Kidney		Metaplasia	Osseous, Focal, Mild
		Nephropathy	Minimal
* Ovary		Hemorrhage	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 310

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone	Cranium	Fibrosarcoma Hyperostosis	Mild
Note: LESION ON SLIDE #9 [Hyperostosis TGLS = 5-21]			
* Brain		Atrophy	Focal, Mild
[Atrophy TGLS = 7-1-1]			
* Kidney	Renal Tubule	Pigmentation	Moderate
* Mammary Gland		Ectasia	Mild
* Ovary		Cyst	Mild
[Cyst TGLS = 2-7,3-7]			
[Hemorrhage TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-6]			
* Stomach, Glandular		Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 311

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
	Capsule	Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Nephropathy	Mild
* Liver		Hepatocholangiocarcinoma	
[Hepatocholangiocarcinoma TGLS = 4-21]			
* Lung	Mediastinum	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
Note: LESION ON SLIDE #7			
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Stomach, Glandular		Mineralization	Minimal
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Cyst	Mild
	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 311

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64638

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 312

TRT#: 6

SEX: Female

DAY ON TEST: 629

DOSE: 25 MG/KG

DISP: Natural Death

HISTO: 92-63166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* 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
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Necrosis	Moderate
* Brain		Necrosis	Mild
* Liver		Necrosis	Focal, Marked
* Lung		Hemorrhage	Moderate
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Nose	Nasolacrim Dct	Cyst	Mild
* Thymus		Atrophy	Moderate
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- Liver Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 313

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Clitoral Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8-1]			
* Intestine Large, Colon		Polyp, Inflammatory	Moderate
[Polyp, Inflammatory TGLS = 3-21]			
* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 4-1]			
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 314

TRT#: 6

SEX: Female

DAY ON TEST: 668

DOSE: 25 MG/KG

DISP: Natural Death

HISTO: 92-64640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* 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	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Eosinophilic Focus	Moderate
[Eosinophilic Focus TGLS = 4-21]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Uterus		Cyst	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[Cyst TGLS = 2-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 315

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild
* Thyroid Gland	Follicle	Cyst	Mild
	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 316

TRT#: 6

SEX: Female

DAY ON TEST: 705

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node		Hyperplasia	Moderate
Note: TGL 6-22 IS AXILLARY LN [Hyperplasia TGLS = 6-22]			
* Mammary Gland		Ectasia	Mild
		Hyperplasia	Mild
[Ectasia TGLS = 3-8] [Hyperplasia TGLS = 3-8]			
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Minimal
* Skin	Epidermis	Hyperplasia	Focal, Moderate
		Inflammation	Chronic, Focal, Moderate
		Ulcer	Mild
[Hyperplasia TGLS = 1-21] [Inflammation TGLS = 1-21] [Ulcer TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 316

TRT#: 6

SEX: Female

DAY ON TEST: 705

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64642

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 5-7]

[Hyperplasia TGLS = 5-7]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 317

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
* Bone		Fibrous Osteodystrophy	Mild
* Kidney		Nephropathy	Minimal
* Parathyroid Gland		Cyst	Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 1-7]			
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 318

TRT#: 6

SEX: Female

DAY ON TEST: 710

DOSE: 25 MG/KG

DISP: Natural Death

HISTO: 92-64644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Trachea	* Urinary Bladder		

MISSING

* Thymus

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Spleen
* Stomach, Forestomach	* Stomach, Glandular		

OBSERVATIONS

* Liver	Histiocytic Sarcoma		
[Histiocytic Sarcoma TGLS = 4-6]			
* Lung	Histiocytic Sarcoma		
* Ovary	Hemorrhage		Moderate
* Thyroid Gland	Degeneration		Cystic, Focal, Mild
* Uterus	Histiocytic Sarcoma		
	Hydrometra		Moderate
[Histiocytic Sarcoma TGLS = 2-21]			
[Hydrometra TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

- Uterus Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 319	TRT#: 6	SEX: Female	DAY ON TEST: 725
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 3-21]		Adenoma	
* Kidney		Nephropathy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hemorrhage	Moderate
		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hemorrhage TGLS = 1-22]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 320

TRT#: 6

SEX: Female

DAY ON TEST: 667

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Moderate
* Gallbladder		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant	
	[Hepatocellular Carcinoma TGLS = 13-27]		
	[Lymphoma Malignant TGLS = 11-6]		
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
Note: TGL 3-23 IS AXILLARY LN			
	[Lymphoma Malignant TGLS = 12-3-1]		
	[Lymphoma Malignant TGLS = 3-23]		
	[Lymphoma Malignant TGLS = 7-26]		
	[Lymphoma Malignant TGLS = 10-25]		
	[Lymphoma Malignant TGLS = 9-24]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-8]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 8-5]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 320

TRT#: 6

SEX: Female

DAY ON TEST: 667

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64646

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Mild
* Salivary Glands		Lymphoma Malignant	
* Skin	Epidermis	Hyperplasia	Focal, Moderate
		Inflammation	Chronic, Focal, Moderate
	Subcut Tiss	Lymphoma Malignant	
		Ulcer	Moderate
	[Hyperplasia TGLS = 1-21,2-22]		
	[Inflammation TGLS = 1-21,2-22]		
	[Lymphoma Malignant TGLS = 2-22]		
	[Ulcer TGLS = 2-22]		
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-6]		
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Kidney Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 321

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Cyst	Mild
* Bone		Fibrous Osteodystrophy	Minimal
* Kidney		Metaplasia	Osseous, Focal, Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Carcinoma	
		Vacuolization Cytoplasmic	Minimal
[Hepatocellular Carcinoma TGLS = 3-21]			
* Ovary		Hemorrhage	Moderate
[Hemorrhage TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 322

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 6-2-1]			
Lymph Node	Inguinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-21]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 4-6]			
[Lymphoma Malignant TGLS = 4-6]			
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 323	TRT#: 6	SEX: Female	DAY ON TEST: 696
	DOSE: 25 MG/KG	DISP: Natural Death	HISTO: 92-64649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Bone Marrow	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Pancreas	* Stomach, Glandular	

OBSERVATIONS

* Liver	Histiocytic Sarcoma		
[Histiocytic Sarcoma TGLS = 3-6]			
* Ovary	Histiocytic Sarcoma		
* Spleen	Hematopoietic Cell Proliferation		Moderate
* Uterus	Histiocytic Sarcoma		
[Histiocytic Sarcoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 324

TRT#: 6

SEX: Female

DAY ON TEST: 704

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung	Mediastinum	Lymphoma Malignant	
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 12-26]			
Lymph Node	Deep Cervical	Lymphoma Malignant	
	Iliac	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	

Note: TGL 1-21 IS AXILLARY LN

[Lymphoma Malignant TGLS = 14-3-1]
 [Lymphoma Malignant TGLS = 2-22]
 [Lymphoma Malignant TGLS = 1-21]
 [Lymphoma Malignant TGLS = 10-25]
 [Lymphoma Malignant TGLS = 5-23]
 [Lymphoma Malignant TGLS = 9-24]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 324	TRT#: 6	SEX: Female	DAY ON TEST: 704
	DOSE: 25 MG/KG	DISP: Moribund Sacrifice	HISTO: 92-64650

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 15-27]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-5]			
Mesentery		Lymphoma Malignant	
* Nose		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Pancreas	Acinus	Atrophy	Focal, Moderate
		Lymphoma Malignant	
[Atrophy TGLS = 4-7]			
[Lymphoma Malignant TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 13-2]			
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Lymphoma Malignant	
[Hyperplasia TGLS = 7-7]			
[Lymphoma Malignant TGLS = 7-7]			

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 325

TRT#: 6

SEX: Female

DAY ON TEST: 661

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 2-21]			
* Liver		Necrosis	Focal, Mild
* Lymph Node, Mandibular		Ectasia	Mild
* Salivary Glands		Vacuolization Cytoplasmic	Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 326	TRT#: 6	SEX: Female	DAY ON TEST: 733
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla	Hyperplasia	Minimal
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-21]		
* Uterus	Hydrometra	Moderate
[Hydrometra TGLS = 1-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 327

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Metaplasia Nephropathy Hepatocellular Adenoma	Osseous, Focal, Mild Minimal Multiple
* Liver Note: ADENOMA ALSO ON SLIDE #6 [Hepatocellular Adenoma TGLS = 3-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Pancreas [Cyst TGLS = 1-7]	Duct	Cyst	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Uterus [Hyperplasia TGLS = 2-7]	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 328	TRT#: 6	SEX: Female	DAY ON TEST: 669
	DOSE: 25 MG/KG	DISP: Moribund Sacrifice	HISTO: 92-64654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	Ear
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
Skeletal Muscle	* Skin	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-21]			
* Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-6]			
* Stomach, Forestomach		Ulcer	Mild
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 329

TRT#: 6

SEX: Female

DAY ON TEST: 725

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* 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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
		Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 3-21]			
[Lymphoma Malignant TGLS = 2-6]			
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Hemorrhage	Moderate
		Lymphoma Malignant	
* Lymph Node, Mesenteric		Hemorrhage	Moderate
		Lymphoma Malignant	
[Hemorrhage TGLS = 4-5]			
[Lymphoma Malignant TGLS = 4-5]			
Skeletal Muscle		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 330

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic, Minimal
Lymph Node	Iliac	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-21]			
[Lymphoma Malignant TGLS = 4-22]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 5-6]			
[Lymphoma Malignant TGLS = 5-6]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 331

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Mild
[Eosinophilic Focus TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Spleen		Lymphoma Malignant	
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-22]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 332

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 333

TRT#: 6

SEX: Female

DAY ON TEST: 593

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-63167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-22]			
* Kidney		Lymphoma Malignant	
* Liver		Hematopoietic Cell Proliferation	Mild
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-3]			
[Lymphoma Malignant TGLS = 7-23]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-21]			
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 333

TRT#: 6

SEX: Female

DAY ON TEST: 593

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-63167

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 334

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic, Mild
	[Hepatocellular Adenoma TGLS = 3-21,4-22,5-23]		
* Pancreas	Acinus	Atrophy	Focal, Moderate
	Duct	Cyst	Moderate
	[Cyst TGLS = 2-7]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
	[Hyperplasia TGLS = 6-1]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 335

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
Eye	Cornea	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-21]			
* Kidney		Nephropathy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 336

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 3-21,4-22]		
* Ovary		Cystadenoma	
	[Cystadenoma TGLS = 2-7]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicle	Cyst	Mild
		Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 337

TRT#: 6

SEX: Female

DAY ON TEST: 542

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-62080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* 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	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

INSUFFICIENT TISSUE

* Islets, Pancreatic

OBSERVATIONS

* Liver		Inflammation	Chronic, Mild
Lymph Node	Iliac	Inflammation	Chronic, Moderate
[Inflammation TGLS = 5-21]			
* Lymph Node, Mesenteric		Inflammation	Chronic, Moderate
* Pancreas		Inflammation	Chronic, Marked
[Inflammation TGLS = 3-7]			
* Spleen		Fibrosis	Focal, Mild
[Fibrosis TGLS = 2-6]			
* Stomach, Glandular		Mineralization	Mild
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]		Inflammation	Chronic, Marked

PRIMARY CAUSE OF DEATH

- Pancreas Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 338

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Nephropathy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 339

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hyperplasia	Lymphoid, Focal, Mild
[Hepatocellular Adenoma TGLS = 5-21]			
* Ovary		Cyst	Moderate
		Hemorrhage	Mild
[Cyst TGLS = 3-7]			
[Hemorrhage TGLS = 4-7]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Uterus		Histiocytic Sarcoma	
		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Moderate
[Histiocytic Sarcoma TGLS = 1-7]			
[Hydrometra TGLS = 2-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 340

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* 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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Small, Duodenum

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Kidney		Nephropathy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Polyp Stromal	

[Polyp Stromal TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 341

TRT#: 6

SEX: Female

DAY ON TEST: 612

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-63168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Intestine Small, Jejunum [Leiomyosarcoma TGLS = 4-21,5-22]		Leiomyosarcoma	Metastatic (Uterus)
* Liver [Mixed Cell Focus TGLS = 6-23]	Hepatocyte	Inflammation Karyomegaly Mixed Cell Focus Pigmentation	Chronic, Mild Mild Mild Focal, Mild
* Pancreas		Leiomyosarcoma	Metastatic (Uterus)
* Stomach, Forestomach [Hyperplasia TGLS = 3-4-1] [Ulcer TGLS = 3-4-1]	Epithelium	Hyperplasia Ulcer	Moderate Minimal
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus [Leiomyosarcoma TGLS = 1-7,2-7,9-7]		Leiomyosarcoma	

PRIMARY CAUSE OF DEATH - Uterus Leiomyosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 342

TRT#: 6

SEX: Female

DAY ON TEST: 704

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 5-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 6-4-1]			
* Thymus		Necrosis	Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 2-7]			
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 343 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 655
DOSE: 25 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 92-63169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney	Renal Tubule	Degeneration	Moderate
	Renal Tubule	Dilatation	Mild
[Degeneration TGLS = 3-5]			
* Liver		Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 2-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Kidney Renal Tubule Degeneration

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 344

TRT#: 6

SEX: Female

DAY ON TEST: 699

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* 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	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Brain		Necrosis	Mild
Eye	Cornea	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-21]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 9-25]			
* Kidney		Nephropathy	Minimal
		Thrombosis	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 7-23]		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-6]			
* Lung		Thrombosis	Mild
[Thrombosis TGLS = 10-2]			
* Lymph Node, Mandibular		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Skin	Pinna, Subcut Tiss	Histiocytic Sarcoma	
	Subcut Tiss	Histiocytic Sarcoma	
	Subcut Tiss	Lymphoma Malignant	
	Pinna	Ulcer	Moderate

Note: LESION ON SLIDE #8
[Histiocytic Sarcoma TGLS = 2-22]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 344

TRT#: 6

SEX: Female

DAY ON TEST: 699

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64666

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 3-24]			
[Ulcer TGLS = 2-22]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-6]			
* Stomach, Glandular		Mineralization	Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 4-7]			
[Hyperplasia TGLS = 4-7]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 345

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Mild
[Angiectasis TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 346

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Fibrosis	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 347

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

Harderian Gland		Inflammation	Chronic, Focal, Mild
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-2-1]			
* Mammary Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Marked
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 3-7]			
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 348	TRT#: 6	SEX: Female	DAY ON TEST: 688
	DOSE: 25 MG/KG	DISP: Natural Death	HISTO: 92-64670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

AUTO PRECLUDES DIAG.

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

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

Harderian Gland		Adenoma	
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-21]			
* Uterus	Endometrium	Hydrometra	Mild
[Hydrometra TGLS = 1-7]		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 349

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Inflammation	Chronic, Focal, Mild
* Liver		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 1-21]		
* Nose		Inflammation	Suppurative, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 350

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* 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	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 1-7]
[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 351

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Ovary		Cyst	Mild
		Inflammation	Suppurative, Marked
[Cyst TGLS = 3-7]			
[Inflammation TGLS = 4-7]			
* Spleen		Fibrosis	Focal, Moderate
[Fibrosis TGLS = 5-6]			
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 352

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Uterus [Hyperplasia TGLS = 1-7]	Endometrium	Hyperplasia	Cystic, Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 353 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 578
DOSE: 75 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 92-62075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Clitoral Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8-1]			
* Gallbladder		Lymphoma Malignant	
* Intestine Large, Colon		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-6]			
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-3-1]			
[Lymphoma Malignant TGLS = 6-22]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-21]			
Mesentery		Lymphoma Malignant	
* Ovary		Cyst	Marked
		Inflammation	Suppurative, Moderate
		Lymphoma Malignant	
[Cyst TGLS = 3-7]			
[Inflammation TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 353	TRT#: 8	SEX: Female	DAY ON TEST: 578
	DOSE: 75 MG/KG	DISP: Moribund Sacrifice	HISTO: 92-62075

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 3-7]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-6]			
* Stomach, Forestomach		Lymphoma Malignant	
* Thymus		Atrophy	Mild
		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	- Liver	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 354

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
Lymph Node	Mediastinal	Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-6]			
* Thyroid Gland		Degeneration	Cystic, Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 355

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Kidney		Nephropathy	Minimal
* Thyroid Gland	Follicle	Cyst	Moderate
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 356

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Clitoral Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 2-8-1]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 5-21]			
* Kidney		Nephropathy	Minimal
* Ovary		Cyst	Minimal
[Cyst TGLS = 4-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 3-7]			
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 357

TRT#: 8

SEX: Female

DAY ON TEST: 627

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-63162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-24]			
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-21,4-22]			
Lymph Node	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-3-1]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-23]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 8-4-1]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Intestine Small, Jejunum Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 358

TRT#: 8

SEX: Female

DAY ON TEST: 725

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* 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	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Capsule	Histiocytic Sarcoma	
* Bone Marrow		Histiocytic Sarcoma	
* Brain		Atrophy	Focal, Mild
		Hemorrhage	Minimal
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-6]			
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 6-5]			
Mesentery		Histiocytic Sarcoma	
* Ovary		Hemorrhage	Mild
		Histiocytic Sarcoma	
[Hemorrhage TGLS = 3-7]			
[Histiocytic Sarcoma TGLS = 3-7]			
* Pancreas		Histiocytic Sarcoma	
* Pituitary Gland	Pars Distalis	Hemorrhage	Moderate
		Hyperplasia	Focal, Marked
[Hemorrhage TGLS = 7-1]			
[Hyperplasia TGLS = 7-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
[Hematopoietic Cell Proliferation TGLS = 4-21]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 358

TRT#: 8

SEX: Female

DAY ON TEST: 725

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64347

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 4-21]

* Thymus

Histiocytic Sarcoma

* Thyroid Gland

Degeneration

Cystic, Focal, Mild

* Uterus

Endometrium

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 359

TRT#: 8

SEX: Female

DAY ON TEST: 655

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-63163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 13-5,14-5]			
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 15-6]			
* Lung		Lymphoma Malignant	
Lymph Node	Iliac	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
Note: TGL 4-21 IS AXILLARY LN			
[Lymphoma Malignant TGLS = 4-21]			
[Lymphoma Malignant TGLS = 2-25]			
[Lymphoma Malignant TGLS = 18-24]			
[Lymphoma Malignant TGLS = 17-3-1]			
[Lymphoma Malignant TGLS = 9-7]			
[Lymphoma Malignant TGLS = 12-23]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-8]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 359	TRT#: 8	SEX: Female	DAY ON TEST: 655
	DOSE: 75 MG/KG	DISP: Moribund Sacrifice	HISTO: 92-63163

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 11-22]		Lymphoma Malignant	
* Ovary [Lymphoma Malignant TGLS = 8-7]		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Skin [Edema TGLS = 1-8]	Subcut Tiss	Edema	Mild
* Spleen [Necrosis TGLS = 10-6]		Necrosis	Focal, Marked
* Stomach, Glandular		Lymphoma Malignant	
* Thymus [Lymphoma Malignant TGLS = 16-3]		Lymphoma Malignant	
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus [Lymphoma Malignant TGLS = 7-7]		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 360

TRT#: 8

SEX: Female

DAY ON TEST: 725

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Clitoral Gland		Inflammation	Chronic, Mild
* Liver		Inflammation	Focal, Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 361

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Kidney		Nephropathy	Minimal
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 362	TRT#: 8	SEX: Female	DAY ON TEST: 241
	DOSE: 75 MG/KG	DISP: Natural Death	HISTO: 91-59994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

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

* Kidney	Renal Tubule	Degeneration	Minimal
* Liver	Centrilobular	Necrosis	Minimal
* Lymph Node, Mesenteric		Atrophy	Moderate
* Spleen		Depletion Cellular	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 363

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Clitoral Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8]			
* Kidney		Nephropathy	Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hydrometra	Moderate
[Hydrometra TGLS = 3-7]		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 364	TRT#: 8	SEX: Female	DAY ON TEST: 732
	DOSE: 75 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hyperplasia	Lymphoid, Focal, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 365

TRT#: 8

SEX: Female

DAY ON TEST: 639

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 92-63164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Gallbladder
* Islets, Pancreatic
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Thymus

* Adrenal Medulla
* Brain
* Heart
* Kidney
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Trachea

* Blood Vessel
* Clitoral Gland
* Intestine Large, Cecum
* Liver
* Mammary Gland
* Parathyroid Gland
* Stomach, Forestomach
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Colon
* Lung
* Nose
* Pituitary Gland
* Stomach, Glandular

AUTO PRECLUDES DIAG.

* Intestine Large, Rectum
* Spleen

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Intestine Small, Jejunum

OBSERVATIONS

* Thyroid Gland
* Uterus

Degeneration
Hydrometra

Cystic, Focal, Mild
Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 366	TRT#: 8	SEX: Female	DAY ON TEST: 725
	DOSE: 75 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-22]			
* Skin		Inflammation	Chronic, Focal, Mild
[Inflammation TGLS = 1-21]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-23]			
* Stomach, Glandular		Mineralization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 367

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Cyst	Moderate
	Endometrium	Hyperplasia	Cystic, Moderate

[Cyst TGLS = 3-7]
[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 368

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hydrometra	Moderate
		Hyperplasia	Cystic, Mild

[Hydrometra TGLS = 1-7]
[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 369 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 732
DOSE: 75 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 92-64355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Mild
* Clitoral Gland		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-8-1]			
* Gallbladder		Inflammation	Chronic, Mild
* Liver		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Thyroid Gland	Follicle	Cyst	Mild
	Follicular Cel	Hyperplasia	Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 2-7]			
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 370

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Necrosis	Focal, Minimal
	[Hepatocellular Adenoma TGLS = 2-21]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 371

TRT#: 8

SEX: Female

DAY ON TEST: 702

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Depletion Cellular	Moderate
* Heart		Inflammation	Chronic, Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Lung		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cyst	Mild
* Skin	Dermis	Fibrosis	Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Thymus		Cyst	Mild
		Lymphoma Malignant	
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 372

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

Harderian Gland		Adenoma	
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 373

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Kidney		Nephropathy	Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-2-1]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-4-1]			
* Stomach, Glandular		Mineralization	Mild
* Urinary Bladder		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 374

TRT#: 8

SEX: Female

DAY ON TEST: 242

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 91-59995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Minimal
* Blood Vessel	Inflammation	Chronic, Moderate
Note: LESION ON SLIDE #1 VENTRAL TO MID-BRAIN		
* Spleen	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 375

TRT#: 8

SEX: Female

DAY ON TEST: 658

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* 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, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland	* Skin
Spinal Cord	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Mineralization	Minimal
* Kidney	Renal Tubule	Degeneration	Minimal
	Renal Tubule	Mineralization	Mild
* Nose	Glands, Mucosa	Dilatation	Focal, Mild
* Ovary		Angiectasis	Mild
[Angiectasis TGLS = 3-7]			
* Salivary Glands		Mineralization	Mild
* Stomach, Glandular		Mineralization	Minimal
* Thymus		Necrosis	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 376

TRT#: 8

SEX: Female

DAY ON TEST: 687

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 92-64361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Cecum [Leiomyosarcoma TGLS = 3-21]		Leiomyosarcoma	
* Uterus [Hydrometra TGLS = 1-7] [Hyperplasia TGLS = 2-7]	Endometrium	Hydrometra Hyperplasia	Mild Cystic, Mild

PRIMARY CAUSE OF DEATH

- Intestine Large, Cecum Leiomyosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 377	TRT#: 8	SEX: Female	DAY ON TEST: 726
	DOSE: 75 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

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

* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Thymus		Necrosis	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 378

TRT#: 8

SEX: Female

DAY ON TEST: 725

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Pituitary Gland

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Moderate
* Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-6]			
* Thyroid Gland	Follicle	Cyst	Mild
	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 2-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 379

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland [Degeneration TGLS = 1-8-1]		Degeneration	Cystic, Mild
* Liver		Basophilic Focus	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild
* Uterus [Hyperplasia TGLS = 2-7]	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 380	TRT#: 8 DOSE: 75 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 394 HISTO: 92-60895
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Spleen		

OBSERVATIONS

Mesentery [Necrosis TGLS = 1-21]	Fat	Necrosis	Mild
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PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 381

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary		Cyst	Mild
[Cyst TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 382

TRT#: 8

SEX: Female

DAY ON TEST: 704

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Heart		Thrombosis	Mild
[Thrombosis TGLS = 4-22]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-21]			
* Thymus		Hemorrhage	Moderate
Note: FOREIGN MATERIAL ADJACENT TO THYMUS			
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 383

TRT#: 8

SEX: Female

DAY ON TEST: 725

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Hepatocellular Adenoma Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-21]			
* Stomach, Glandular		Mineralization	Mild
* Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 384	TRT#: 8	SEX: Female	DAY ON TEST: 687
	DOSE: 75 MG/KG	DISP: Natural Death	HISTO: 92-64368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

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

* Bone		Fibrous Osteodystrophy	Mild
* Kidney		Nephropathy	Minimal
* Ovary		Cystadenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 385

TRT#: 8

SEX: Female

DAY ON TEST: 367

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 91-60229

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

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

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Kidney		Congestion	Mild
	Renal Tubule	Degeneration	Minimal
[Congestion TGLS = 4-5]			
* Spleen		Depletion Cellular	Mild
[Depletion Cellular TGLS = 2-6]			
* Stomach, Glandular		Erosion	Minimal
[Erosion TGLS = 5-4-1]			
* Thymus		Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 386

TRT#: 8

SEX: Female

DAY ON TEST: 725

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Intestine Large, Colon		Inflammation	Chronic, Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic, Mild
		Mixed Cell Focus	Moderate
[Mixed Cell Focus TGLS = 3-22]			
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Mild
* Thyroid Gland	Follicle	Cyst	Moderate
		Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 387	TRT#: 8	SEX: Female	DAY ON TEST: 732
	DOSE: 75 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Stomach, Glandular		Mineralization	Mild
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 388	TRT#: 8	SEX: Female	DAY ON TEST: 726
	DOSE: 75 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-2-1]		
* Skin		Inflammation	Chronic, Focal, Minimal
	[Inflammation TGLS = 1-21]		
* Thyroid Gland		Degeneration	Cystic, Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 389

TRT#: 8

SEX: Female

DAY ON TEST: 569

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 92-62076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Clitoral Gland	* Islets, Pancreatic	* Pancreas	
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AUTO PRECLUDES DIAG.

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

* Bone	Fibrous Osteodystrophy	Mild
* Kidney	Nephropathy	Minimal
* Parathyroid Gland	Cyst	Minimal
* Uterus	Hydrometra	Moderate

[Hydrometra TGLS = 2-7]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 390	TRT#: 8	SEX: Female	DAY ON TEST: 732
	DOSE: 75 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Minimal
		Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 391

TRT#: 8

SEX: Female

DAY ON TEST: 705

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-64373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Bone		Fibrous Osteodystrophy	Mild
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-6]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-7]			
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus		Histiocytic Sarcoma	
		Hydrometra	Moderate
	Endometrium	Polyp Stromal	
[Histiocytic Sarcoma TGLS = 2-21]			
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

- Uterus Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 392

TRT#: 8

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 393

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Brain		Atrophy	Focal, Moderate
[Atrophy TGLS = 5-1-1]			
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	Marked
[Mixed Cell Focus TGLS = 3-21]			
* Mammary Gland		Ectasia	Mild
[Ectasia TGLS = 1-8]		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Stomach, Glandular		Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 394

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
		Vacuolization Cytoplasmic	Mild
[Hepatocellular Carcinoma TGLS = 2-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 395

TRT#: 8

SEX: Female

DAY ON TEST: 719

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 92-64377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hepatocholangiocarcinoma	Metastatic (Liver)
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Hepatocholangiocarcinoma	
		Inflammation	Chronic, Minimal
	[Hepatocholangiocarcinoma TGLS = 7-25]		
* Lung		Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 8-2]		
* Mammary Gland		Hyperplasia	Mild
Mesentery		Hepatocholangiocarcinoma	Metastatic (Liver)
	Fat	Necrosis	Moderate
	[Hepatocholangiocarcinoma TGLS = 3-22,5-24]		
	[Necrosis TGLS = 5-24]		
* Ovary		Hepatocholangiocarcinoma	Metastatic (Liver)
* Pancreas		Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 6-7]		
* Salivary Glands		Fibrosis	Moderate
Skeletal Muscle		Hepatocholangiocarcinoma	Metastatic (Liver)
	Note: SITE IS DIAPHRAGM		
	[Hepatocholangiocarcinoma TGLS = 4-23]		
* Skin	Dermis	Fibrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 395

TRT#: 8

SEX: Female

DAY ON TEST: 719

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 92-64377

ORGAN AND ACCOUNTABLE SITE STATUS

	Epidermis	Hepatocholangiocarcinoma Hyperplasia	Metastatic (Liver) Focal, Moderate
Note: TISSUE NOS(TGL 1-21) IS SKIN/SUBCUTIS [Hepatocholangiocarcinoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Hepatocholangiocarcinoma	Metastatic (Liver)
* Stomach, Glandular		Hepatocholangiocarcinoma	Metastatic (Liver)
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Liver	Hepatocholangiocarcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 396

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Moderate
[Eosinophilic Focus TGLS = 4-21]			
Lymph Node	Pancreatic	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Lymphoma Malignant TGLS = 2-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked
[Hyperplasia TGLS = 3-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 397	TRT#: 8	SEX: Female	DAY ON TEST: 731
	DOSE: 75 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Mild
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-21]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
* Parathyroid Gland		Cyst	Minimal
* Pituitary Gland		Angiectasis	Mild
* Skin	Dermis	Fibrosis	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 398	TRT#: 8	SEX: Female	DAY ON TEST: 731
	DOSE: 75 MG/KG	DISP: Terminal Sacrifice	HISTO: 92-64380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
	[Hematopoietic Cell Proliferation TGLS = 1-6]		
	[Hyperplasia TGLS = 1-6]		
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 399

TRT#: 8

SEX: Female

DAY ON TEST: 526

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 92-62077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Kidney	Renal Tubule	Degeneration Nephropathy	Mild Minimal
* Stomach, Glandular	Glands	Degeneration	Cystic, Focal, Minimal
* Thyroid Gland		Degeneration	Cystic, Focal, Mild
* Uterus		Hydrometra Inflammation	Moderate Suppurative, Moderate

[Hydrometra TGLS = 2-7]

[Inflammation TGLS = 2-7]

PRIMARY CAUSE OF DEATH

- Uterus Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05067-10
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Theophylline
CAS Number: 58-55-9

Date Report Requested: 10/22/2014
Time Report Requested: 13:08:29
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 400

TRT#: 8

SEX: Female

DAY ON TEST: 725

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 92-64381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric
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OBSERVATIONS

* Clitoral Gland [Degeneration TGLS = 1-21]		Degeneration	Cystic, Moderate
* Kidney		Nephropathy	Minimal
* Liver [Hepatocellular Adenoma TGLS = 2-22]		Eosinophilic Focus Hepatocellular Adenoma Lymphoma Malignant	Mild
* Lung Mesentery Note: LESION ON SLIDE #4		Lymphoma Malignant Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Mild
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE